DOCUMENT RESUME

ED 324 998 HE 023 744

AUTHOR Hudis, Paula M.; And Others
TITLE Finances of MBA Students. Results from the GMAC's New Matriculants Survey. GMAC Occasional Papers.
INSTITUTION Graduate Management Admission Council, Los Angeles, CA.
PUB DATE Mar 90
NOTE 83p.
AVAILABLE FROM Graduate Management Admission Council, 11601 Wilshire Blvd., Suite 760, Los Angeles, CA 90025-1746.
PUB TYPE Reports - Research/Technical (143) -- Statistical Data (110)

EDRS PRICE MF01/PC04 Plus Postage.
DESCRIPTORS Administrator Education; *Business Administration Education; College Students; *Graduate Students; Higher Education; Management Development; *Masters Programs; *Paying for College; Statistical Data; *Student Costs

ABSTRACT

Data collected in the New Matriculants Survey, conducted in 1985 by the National Opinion Research Center, are used to provide this description of the finances of students in Master of Business Administration (MBA) programs. Over 2,000 MBA matriculants responded to the survey. Average annual expenses are analyzed by type of expense as linked to each of the following data elements: age, sex, race/ethnicity, citizenship, marital status, father's occupation, father's education, mother's education, enrollment status, current school characteristics, and various combinations of these elements. Average financial resources are analyzed by type of resource as related to each of the following data elements: age, sex, race/ethnicity, citizenship, marital status, father's occupation, father's education, mother's education, enrollment status, admission competitiveness, and various combinations of these elements. (JDD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED324998

Graduate
Management
Admission
Council

Paula M.
Laura J. H
Ross M. St

Results from the
GMAC's New Matriculant

Finances of MBA Students

GMAC Occasional Papers

744

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
GRAD. MGMNT. ADM. COUNCIL
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
✓ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

Results from the GMAC's New Matriculants Survey:

FINANCES OF MBA STUDENTS

Paula M. Hudis

Laura J. Horn

Ross M. Stolzenberg

March, 1990

Views expressed in this report are those of the authors and do not necessarily reflect those of the Graduate Management Admission Council.

INTRODUCTION

This report provides a detailed description of the finances of MBA students. How these students allocate their school-related financial expenditures and what funding sources they use to meet these demands are important elements that differentiate students from diverse cultural and economic backgrounds or those attending various types of MBA programs. Despite the significance of these issues for understanding the experiences of MBA students, there are virtually no current national data on these financial variables.

For readers who desire a quick overview, we begin with a brief summary of findings from each analysis. Items shown in this summary are keyed by page number to the remainder of the report. For readers who desire a more thorough, quantitative presentation, we supply detailed tables and graphs throughout the remainder of the report.

This report is based on data collected in the New Matriculants Survey, a major survey research program carried out under the auspices of GMAC. A representative national sample of graduate management schools and students attending these schools was selected. The survey achieved response rates of 93 percent from sampled graduate schools of business and approximately 73 percent from sampled individuals. Detailed questionnaires were completed by slightly more than 2,000 students, with a guarantee of complete confidentiality. The survey itself was conducted in 1985 by the National Opinion Research Center (NORC), a research organization affiliated with the University of Chicago.

The data deal with information that is restricted to one group: MBA *matriculants*. It would be inappropriate to generalize to other groups. The information presented here is also subject to certain limitations and should be interpreted in light of the following:

- Survey data invariably contain some errors. These errors include nonresponses (by individuals who failed to return a questionnaire) and partial nonresponses (by individuals who omitted answers to certain questions). They also include inaccurate responses to some questions by those who did provide answers. In general, however, response rates are high by contemporary research standards, and we discern no major pattern of systematic bias.

- All tabulations in this report are based on answers that respondents provided about their specific types of school-related expenses and the funding sources that they used to meet these expenses. Total expenses and total funds are constructed as sums of expenses or funds in different categories. However, because many students did not have every type of expense and did not rely on every type of funding source, *average annual totals are not the sums of averages for individual categories.*

- All cell sizes shown in tables represent weighted numbers of cases. In some tables the numbers of cases in various cells are very small. This is particularly true in tables that show three-variable cross-classifications. We recommend that readers exercise caution when interpreting these results. Weighted n's sometimes round to 1 or 0. Therefore n's of 0 or 1 in the following tables are *not incorrect*.

- Interpretations of findings concerning differences among groups are based on *t-test* statistics.

SUMMARY FINDINGS

Part One: School-Related Expenses

Page

Average Annual Expenses, by Type of Expense

Nearly all MBA students reported incurring expenses for tuition and fees and for books. However, only about one-third of respondents reported expenditures for room and board. 1

Average Annual Expenses, by Type of Expense and Age

Total school-related expenses of new MBA matriculants are highest among the youngest category of students and decline with each succeeding age category. 2

Average Annual Expenses, by Type of Expense and Sex

Male MBA students show a pattern of higher school-related expenses than do females. 5

Average Annual Expenses, by Type of Expense and Race/Ethnicity

Asian MBA students show significantly higher school-related expenses than do white students. The average expenses of Black and Hispanic students fall between those of Asians and whites. 6

Average Annual Expenses, by Type of Expense and Citizenship

Students who are not U.S. citizens have considerably higher total school-related expenses than those who are U.S. citizens. 9

Average Annual Expenses, by Type of Expense and Marital Status

Total school-related expenses are considerably higher for never-married students than for other students. 10

Average Annual Expenses, by Type of Expense and Father's Occupation

Differences in family background, as measured by father's occupation, account for some variations in MBA students' school-related expenses. Students whose fathers were in executive or professional occupations indicate higher total expense levels than do other students. The lowest total expense levels were reported by students whose fathers were in service occupations. 12

Average Annual Expenses, by Type of Expense and Father's Education

Differences in family background, as measured by father's education, account for some variations in MBA students' school-related expenses. Students whose fathers completed college or received a graduate degree indicate considerably higher total expense levels than do other students. The lowest total expense levels were reported by students whose fathers did not complete a college degree. 13

Average Annual Expenses, by Type of Expense and Mother's Education

The relationship between school-related expenses of MBA students and their mothers' educational attainment is not as clear as the relationship between expenses and fathers' educational attainment. However, with the exception of mothers who received MBA degrees, there is some tendency for the relatively few offspring of better-educated mothers to indicate higher expenses for their schooling. 14

Average Annual Expenses, by Total of Expense and Enrollment Status

For total school-related expenses and for all types of expenses, full-time students indicate considerably higher expenditure levels than do part-time students. 15

Average Annual Expenses, by Type of Expense, Enrollment Status, and Age

Among full-time students, total school-related expenses are greater for students who are thirty years old or under than for students who are over thirty years old. In contrast, for students who attend part-time MBA programs, only students who are twenty-three years old or under show higher expense levels than do their older classmates. 16

Average Annual Expenses, by Type of Expense, Enrollment Status, and Sex

Among both full-time and part-time MBA students, males and females have similar school-related expenses, with the exception of the "other expense" category, in which full-time males report higher expenses than do their female counterparts. 19

Average Annual Expenses, by Type of Expense, Enrollment Status, and Marital Status

Among both full-time and part-time MBA students, there are no significant differences in total school-related expenses between never-married individuals and those who are currently married. 20

Average Annual Expenses, by Type of Expense, Enrollment Status, and Father's Education

For part-time students, there is a tendency for the offspring of more highly educated fathers to indicate higher amounts of school-related expenses. Full-time students do not show this same relationship. 22

Average Annual Expenses, by Type of Expense, Enrollment Status, and Mother's Education

For full-time students, mothers' educational attainment appears to be positively, but weakly, associated with higher levels of school-related expenses. In contrast, even this weak pattern does not emerge among part-time MBA students. 24

Average Annual Expenses, by Type of Expense, and Current School Characteristics

Students enrolled in highly competitive, accredited MBA programs indicate considerably higher total school-related expenses and higher figures for all expense categories than do students in less competitive, accredited schools. Students in MBA programs that are not accredited show the lowest expense levels among all three program categories. 26

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Age

Among students in less competitive, accredited schools and schools that are not accredited, there is a linear decline in school-related expenses as students get older. There are no significant differences among age groups for students attending highly competitive schools. 28

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Sex

In all three school categories (highly competitive, accredited; less competitive, accredited; and not accredited), there are no significant differences in total school-related expenses of male and female students. 31

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Marital Status

Among those students attending highly competitive, accredited schools, never-married MBA students indicate approximately the same level of total school-related expenses as those who are currently married. However, in schools that are less competitive or not accredited, never-married students report higher school-related expenses than do their married counterparts. 32

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Father's Education

Irrespective of program accreditation or admission competitiveness, no strong and consistent relationship exists between the school-related expenses of MBA students and their fathers' educational attainment. 34

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Mother's Education

Irrespective of the accreditation status or competitiveness of schools, there is little direct relationship between mothers' educational attainment and the total school-related expenditures of their offspring who are attending MBA programs. 37

Part Two: Financial Resources

Average Financial Resources, by Type of Resource

Among all MBA students responding to the survey, the largest number report relying on some type of employer contribution to meet their school-related expenses. However, in terms of actual dollars, larger average resource contributions come from parents than from any other source. 41

Average Financial Resources, by Type of Resource and Age

Financial resources available to MBA students to meet school-related expenses decline with the student's age. 42

Average Financial Resources, by Type of Resource and Sex

There are no significant differences in the total reported financial resources of male and female MBA students. However, males indicate receiving significantly greater contributions from their employers than do females. 45

Average Financial Resources, by Type of Resource and Race/Ethnicity

Among MBA students of all racial/ethnic groups, only Asian students report having significantly greater financial resources than members of other groups.This is particularly true for differences in financial support supplied by employers. 46

Average Financial Resources, by Type of Resource and Citizenship

Foreign MBA students report having larger amounts of financial resources available to meet school-related expenses than do U.S. citizens for all types of financial resources. The largest part of foreign students' resources comes from their employers. 49

Average Financial Resources, by Type of Resource and Marital Status

Never-married MBA students show greater amounts of total financial resources used to cover school-related expenses than do students who are currently married. 50

Average Financial Resources, by Type of Resource and Father's Occupation

There appears to be no consistent pattern in the relationship between MBA students' family background, as measured by father's occupation, and their school-related financial resources. 52

Average Financial Resources, by Type of Resource and Father's Education

MBA students whose fathers are college graduates tend to have larger total amounts of financial resources available to them than do students whose fathers completed less education. 53

Average Financial Resources, by Type of Resource and Mother's Education

Similar to fathers' educational attainment, financial resources available to MBA students tend to be greater for students whose mothers are college graduates than for students whose mothers completed less education. 54

Average Financial Resources, by Type of Resource and Enrollment Status

Full-time MBA students have much larger amounts of financial resources available to them to cover educational expenses than do part-time students. These large differences are evident for every category of financial resources. 55

Average Financial Resources, by Type of Resource, Enrollment Status, and Age

Among full-time MBA students, those who are thirty-six years old or over show smaller amounts of resources available for school-related expenses than do students of other ages. Among part-time students, total financial resources tend to decrease with age, due primarily to declining parental contributions. 56

Average Financial Resources, by Type of Resource, Enrollment Status, and Sex

For full-time MBA students, males show somewhat larger amounts of financial resources available from employers than do females. Among part-time students, there are no significant differences between males and females in available financial resources. 59

Average Financial Resources, by Type of Resource, Enrollment Status, and Marital Status

Never-married MBA students attending school full-time show larger amounts of financial resources from loans than do students who are currently married. Full-time married students receive larger employer educational contributions. Among students attending school part-time, never-married students also have significantly greater resources available from loans than do their married counterparts. 60

Average Financial Resources, by Type of Resource, Enrollment Status, and Father's Education

Among full-time MBA students, there is no consistent relationship between their fathers' educational attainment and the total financial resources for school-related expenses available to them. For students attending part-time, there is a slight tendency for these resources to increase with fathers' level of education. 62

Average Financial Resources, by Type of Resource, Enrollment Status, and Mother's Education

There is no consistent relationship between mothers' educational attainment and total financial resources for either full-time or part-time MBA students. 64

Average Financial Resources, by Type of Resource and Admission Competitiveness

MBA students enrolled in highly competitive, accredited programs indicate much larger amounts of financial resources, primarily from loans and parental contributions, than do students in less competitive, accredited schools or in schools that are not accredited. 66

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Age

There are no consistent patterns of age differences in financial resources available to MBA students who attend highly competitive, accredited programs. However, for students in less competitive, accredited programs and for those attending programs that are not accredited, younger students tend to have larger amounts of financial resources than do older students. 68

Average Financial Resources, by Types of Resource, Admission Competitiveness, and Sex

Irrespective of the accreditation status and admission competitiveness of the current school, overall there is no significant difference in total school-related financial resources between male and female MBA students. However, there are significant differences in the sources of these funds, and these differences vary by school category. 71

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Marital Status

Never-married MBA students who do not attend the most highly competitive, accredited schools have significantly greater amounts of school-related financial resources. 72

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Father's Education

When students attending schools of varying competitiveness and accreditation status are viewed as separate groups, in none of the three school categories is fathers' educational attainment consistently related to the total financial resources available to their offspring for school-related expenses. 75

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Mother's Education

Irrespective of the accreditation status and admission competitiveness of the current school, there is no consistent relationship between MBA students' financial resources and their mothers' educational level. 78

PART ONE: SCHOOL-RELATED EXPENSES OF MBA STUDENTS

Description of Data Source and Classification of Variables

The MBA Matriculants Survey provides a unique opportunity to analyze the school-related finances of MBA students. Measures of students' financial status were incorporated in the MBA Matriculant Survey design for several reasons: to characterize the economic capabilities of MBA students, to provide basic parameters for comparison with individuals in the same age bracket in the general population, and to provide baseline information for comparison with potential future survey data. These data also allow important comparisons of school-related finances of students who attend various types of MBA programs and are drawn from diverse social and economic backgrounds.

In this report we describe two sets of financial-status variables. The first set is a group of school-related expenses that includes the major expenditures incurred by most MBA students. The second set represents the categories of financial resources most frequently available to students for meeting their school-related expenses.

In this first section of our two-part report, we include tabular and graphic descriptions of five individual categories of school-related expenses, and we also show expense totals. It is important to note that figures representing totals in these tables are not the sums of averages for individual expense types, because all students do not incur all categories of expenses and because nonresponse rates for individual categories vary.

Data on school-related expenses of MBA students were derived from the following questionnaire item:

> *Looking at the year from September 1, 1985 to August 31, 1986, please use this list of expenses associated with attending business school to indicate estimated annual expenses in each category. Include expenses which will be paid by scholarship, loan, tuition reimbursement, or any other source. WRITE IN AMOUNTS IN DOLLARS, OR CHECK "DOES NOT APPLY" IF THE COST IS NOT INCURRED.*
>
> a. Tuition and regular fees
> b. Books
> c. Transportation to classes
> d. Room and board
> e. Other (please specify)

I. Expenses Associated with Attending Business School

Average Annual Expenses, by Type of Expense

Nearly all survey respondents reported incurring expenses for tuition and fees and for books. Only about one-third of respondents reported expenditures for room and board. Many students probably used a very narrow interpretation of room and board as an expense that applies only to individuals living in college- or university-sponsored housing.

Table 1.0 -- Average Annual Expenses Incurred by MBA Students, by Type of Expense

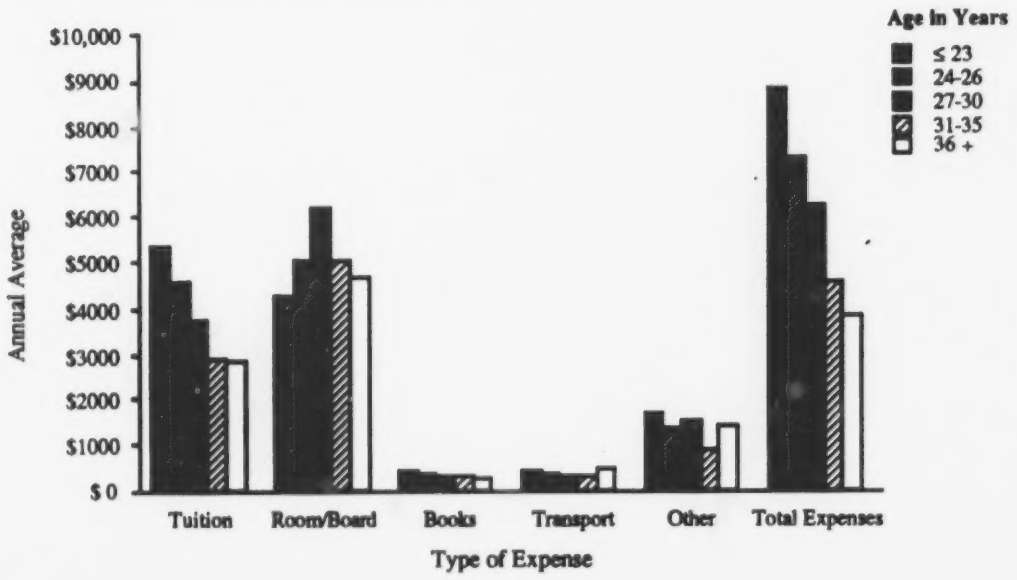
	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
All Students	**$4,119**	**$4,932**	**$337**	**$359**	**$1,442**	**$6,638**
- s.e.	315.781	207.438	13.426	23.900	178.686	415.471
- *n*	2004	705	1954	1460	381	2028

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

II. MBA Students' Personal Characteristics and the Types and Amounts of Expenses They Incur

Average Annual Expenses, by Type of Expense and Age

Figure 2.0 -- Average School-related Expenses, by Type of Expense and Age



Total school-related expenses of new MBA matriculants are highest among the youngest category of students and decline with each succeeding age category. Among individual expense categories, only tuition and fees show the same pattern of a monotonic decline with age.

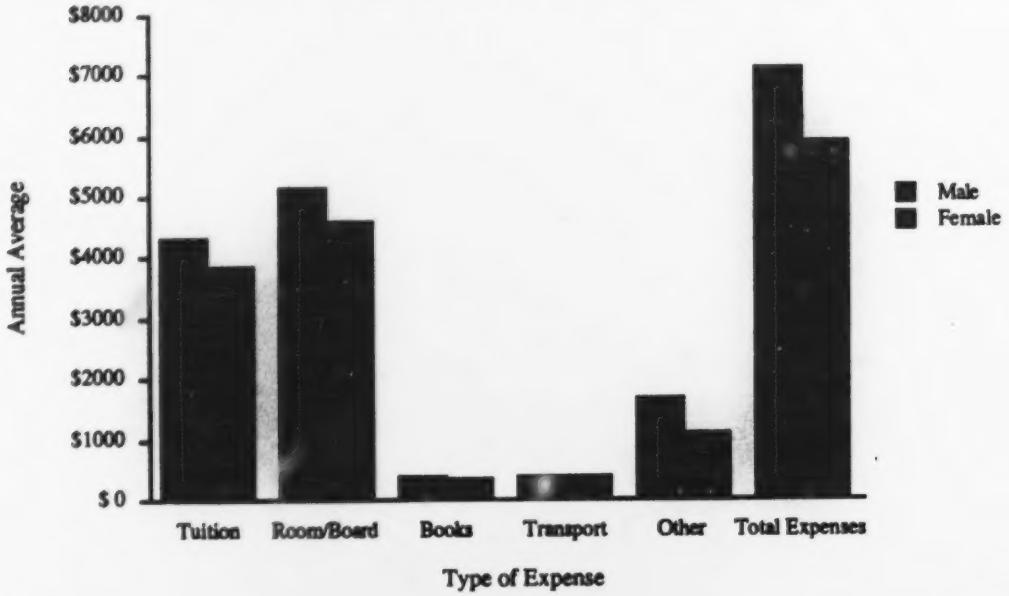
Table 2.0 -- Average Annual Expenses Incurred by MBA Students, by Age

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Age in Years						
23 or under	$ 5,364	$ 4,226	$399	$391	$1,647	$ 8,795
- s.e.	467.668	213.901	20.381	56.078	222.729	653.168
- *n*	423	244	415	287	108	427
24-26	4,524	4,995	360	369	1,382	7,293
- s.e.	356.309	265.501	17.045	45.064	137.713	515.101
- *n*	657	254	654	470	131	669
27-30	3,679	6,157	309	302	1,528	6,200
- s.e.	343.387	757.054	14.951	20.963	607.432	518.336
- *n*	448	127	437	356	88	452
31-35	2,888	5,056	293	326	842	4,531
- s.e.	275.072	458.520	15.625	43.437	221.587	365.345
- *n*	255	51	242	197	35	256
36 or over	2,851	4,654	248	443	1,394	3,862
- s.e.	343.697	1383.23	17.156	63.076	683.444	430.706
- *n*	221	19	205	150	19	224

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Sex

Figure 2.1 - Average School-Related Expenses, by Type of Expense and Sex



Male MBA students show a pattern of higher school-related expenses than do females.

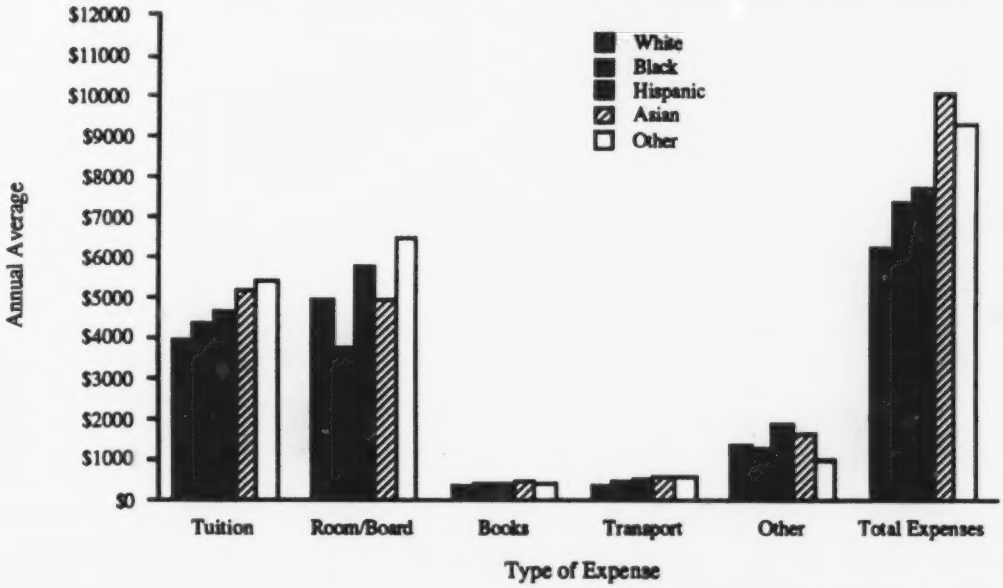
Table 2.1 -- Average Annual Expenses Incurred by MBA Students, by Sex

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Sex						
Male	$4,276	$5,121	$348	$368	$1,659	$7,076
- s.e.	305.650	244.870	12.516	31.504	259.828	407.400
- *n*	1243	469	1206	886	240	1252
Female	3,842	4,561	317	345	1,053	5,889
- s.e.	353.181	268.935	16.900	27.823	169.955	477.144
- *n*	756	232	743	571	137	771

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Race/Ethnicity

Figure 2.2 - School-related Expenses, by Type of Expense and Race/Ethnicity



Asian MBA students show significantly higher school-related expenses than white students. The average expenses of Black and Hispanic students fall between those of Asians and whites.

Table 2.2 -- Average Annual Expenses Incurred by MBA Students, by Race/Ethnicity

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Race/Ethnicity						
White	$3,969	$4,939	$324	$332	$1,385	$6,200
- s.e.	344.872	226.614	14.725	21.705	231.581	465.966
- *n*	1689	523	1651	1249	269	1711
Black	4,367	3,757	396	480	1,324	7,377
- s.e.	678.542	400.602	31.399	140.919	200.793	744.277
- *n*	59	29	54	44	19	59

(continued)

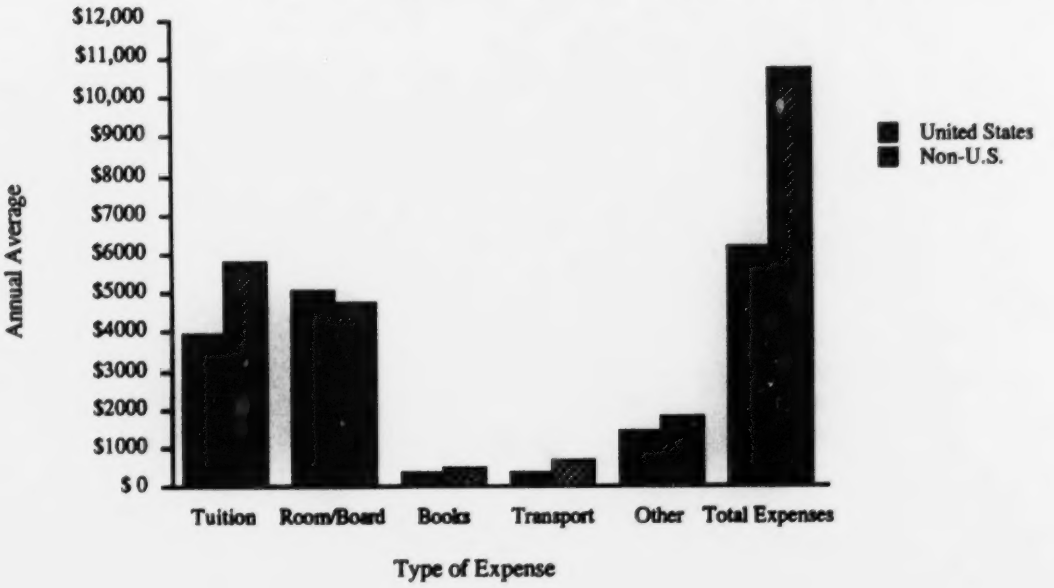
Table 2.2 -- Average Annual Expenses Incurred by MBA Students, by Race/Ethnicity - (continued)

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Race/Ethnicity						
Hispanic	$4,629	$5,773	$377	$486	$1,886	$7,722
- s.e.	658.086	600.276	32.447	180.031	557.897	931.468
- *n*	67	24	60	44	12	67
Asian	5,169	4,906	427	545	1,655	10,049
- s.e.	337.274	453.926	24.580	142.045	292.234	616.555
- *n*	157	114	158	98	68	160
Other	5,422	6,452	372	549	1,012	9,289
- s.e.	743.999	633.913	49.013	150.876	421.036	1601.728
- *n*	26	11	26	21	9	26

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Citizenship

Figure 2.3 -- Average School-Related Expenses, by Type of Expense and Citizenship



Students who are not U.S. citizens have considerably higher total school-related expenses than do those who are U.S. citizens. This pattern holds for all types of expenses except for room and board.

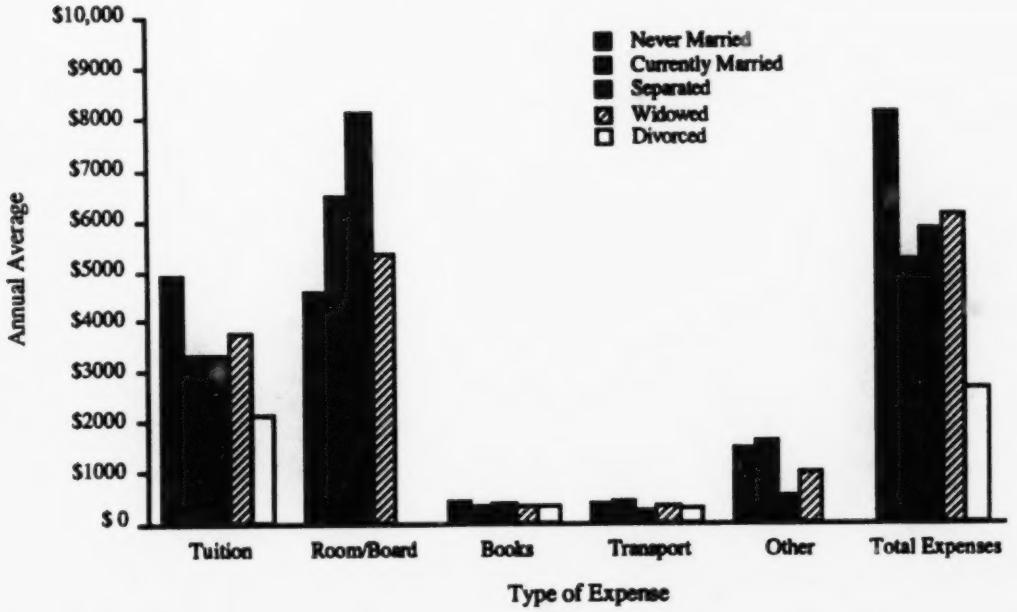
Table 2.3 -- Average Annual Expenses Incurred by MBA Students, by Citizenship

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Citizenship						
United States	$3,920	$5,011	$322	$325	$1,355	$6,146
- s.e.	343.323	242.323	14.490	15.817	229.704	458.754
- *n*	1643	498	1604	1235	269	1663
Non-U.S.	5,724	4,693	453	647	1,705	10,723
- s.e.	329.892	308.666	17.414	122.586	195.451	465.532
- *n*	251	193	244	154	100	254

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Marital Status

Figure 2.4 - Average School-Related Expenses, by Type of Expense and Marital Status



Total school-related expenses are considerably higher for never-married students than for currently married students. However, married students are more likely to attend school part-time, and expenditure differences between married and never-married students disappear when controls for enrollment status are introduced.

Table 2.4 -- Average Annual Expenses Incurred by MBA Students, by Marital Status

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Marital Status						
Never Married	$4,885	$4,540	$380	$362	$1,462	$8,129
- s.e.	360.496	181.408	15.072	34.529	122.207	493.657
- *n*	1032	539	1030	714	249	1046
Currently Married	3,307	6,448	289	372	1,565	5,155
- s.e.	326.905	585.901	14.559	35.093	509.984	443.127
- *n*	797	137	751	617	110	803
Separated	3,326	8,133	350	206	473	5,772
- s.e.	994.180	1783.04	84.401	72.184	17.707	2157.387
- *n*	17	4	17	17	1	17

(continued)

Table 2.4 -- Average Annual Expenses Incurred by MBA Students, by Marital Status (continued)

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Marital Status						
Widowed	$3,691	$5,303	$287	$296	$951	$6,086
- s.e.	1238.91	1473.46	33.099	118.336	509.271	2119.937
- *n*	9	3	7	4	3	9
Divorced	2,109	0	308	280	0	2,615
- s.e.	408.279	0.000	74.763	56.843	0.000	381.178
- *n*	7	0	7	5	0	7

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

III. MBA Students' Family Background Characteristics and the Types and Amounts of Expenses They Incur

Average Annual Expenses, by Type of Expense and Father's Occupation

Differences in family background, as measured by father's occupation, account for some variations in MBA students' school-related expenses. Students whose fathers were in executive or professional occupations indicate higher total expense levels than do other students. The lowest total expense levels were reported by students whose fathers were in service occupations.

Table 3.0 -- Average Annual Expenses Incurred by MBA Students, by Father's Occupation

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Father's Occupation						
Exec./Admin. Management	$4,623	$5,087	$364	$362	$1,567	$7,662
- s.e.	380.210	323.424	17.623	36.250	175.146	548.737
- *n*	639	274	627	452	132	646
Professional	4,428	5,106	350	381	1,435	7,624
- s.e.	403.514	284.408	15.304	50.034	231.591	524.379
- *n*	420	189	409	309	98	424
Technician	3,628	4,106	306	132	1,207	5,138
- s.e.	798.056	650.209	45.357	22.765	678.251	1060.375
- *n*	38	9	36	29	4	38
Sales	4,141	4,572	328	277	1,295	6,320
- s.e.	351.295	302.912	16.211	25.917	235.811	485.402
- *n*	186	63	191	144	35	191
Admin. Support	3,741	4,787	332	574	919	6,025
- s.e.	455.539	781.356	35.938	221.409	346.394	956.047
- *n*	72	23	71	54	10	73
Service	3,278	4,298	336	316	678	5,394
- s.e.	447.867	500.724	31.480	46.885	259.042	741.885
- *n*	46	15	46	27	12	46
Other	3,434	4,442	308	375	1,535	5,156
- s.e.	374.245	360.140	21.444	37.774	947.499	506.237
- *n*	383	83	366	302	57	388

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Father's Education

Differences in family background, as measured by father's education, account for some variations in MBA students' school-related expenses. Students whose fathers completed college or received a graduate degree indicate considerably higher total expense levels than do other students. The lowest total expense levels were reported by students whose fathers did not complete a college degree.

Table 3.1 -- Average Annual Expenses Incurred by MBA Students, by Father's Education

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Father's Education						
Some High School	$2,990	$4,526	$273	$363	$2,360	$4,892
- s.e.	289.764	391.010	19.184	37.402	1357.03	541.864
- *n*	304	76	299	232	38	308
HS Diploma	3,581	4,740	313	389	905	5,524
- s.e.	394.950	422.198	22.267	51.449	197.591	586.173
- *n*	410	108	391	320	59	413
Some College	3,856	4,583	338	374	929	5,911
- s.e.	369.122	286.706	15.090	52.763	107.649	461.607
- *n*	338	102	335	239	64	344
College Degree	4,335	5,244	356	354	1,479	7,226
- s.e.	337.302	437.186	14.692	42.557	209.506	506.307
- *n*	452	179	446	327	95	458
MBA	5,580	5,505	388	352	2,562	9,261
- s.e.	741.263	605.927	42.394	51.286	440.157	1267.207
- *n*	89	38	89	64	27	90
Other Master's	4,913	5,305	371	298	901	8,149
- s.e.	493.625	479.165	21.990	38.070	157.491	694.248
- *n*	153	73	140	101	29	153
Doctor's Degree	5,397	4,885	392	324	1,655	8,930
- s.e.	517.218	297.057	21.888	35.259	257.742	659.736
- *n*	198	107	195	132	58	202
Other	6,034	3,991	385	408	847	8,761
- s.e.	899.272	638.420	64.293	68.548	634.958	1307.776
- *n*	31	14	30	26	6	31

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense and Mother's Education

The relationship between school-related expenses of MBA students and their mothers' educational attainment is not as clear as the relationship between expenses and their fathers' education. However, with the exception of mothers who received MBA degrees, there is some tendency for the relatively few offspring of better-educated mothers to indicate higher expenses for their schooling.

Table 3.2 -- Average Annual Expenses Incurred by MBA Students, by Mother's Education

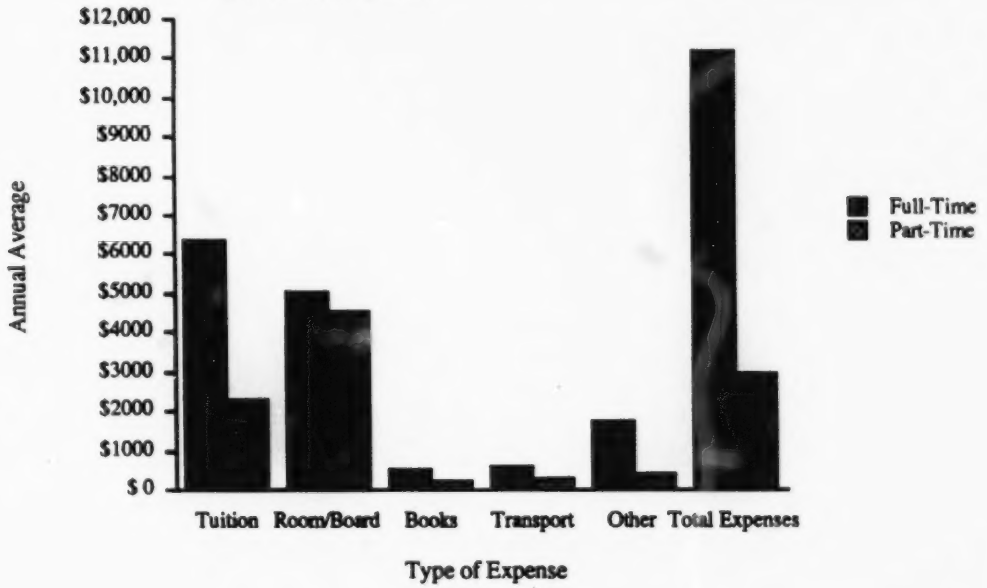
	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Mother's Education						
Some High School	$3,550	$4,390	$329	$465	$1,144	$5,981
- s.e.	288.591	420.325	23.324	71.617	160.709	561.889
- *n*	229	82	216	159	44	229
HS Diploma	3,602	4,882	302	304	862	5,508
- s.e.	324.723	317.718	17.236	19.364	100.829	479.069
- *n*	587	157	574	452	86	593
Some College	4,001	5,089	335	347	1,886	6,686
- s.e.	363.450	381.897	14.348	43.429	579.366	541.023
- *n*	501	181	489	374	94	508
College Degree	5,250	5,039	407	426	1,604	8,670
- s.e.	432.201	243.703	17.931	70.076	227.467	575.362
- *n*	372	177	365	264	93	375
MBA	3,876	3,494	251	300	0	5,422
- s.e.	1171.47	346.377	55.405	34.857	0.000	1673.891
- *n*	14	4	14	10	0	14
Other Master's	4,643	4,913	352	336	1,546	7,761
- s.e.	610.080	400.693	27.623	48.639	386.688	834.509
- *n*	134	61	131	95	38	136
Doctor's Degree	7,843	5,229	394	430	1,626	11,846
- s.e.	1140.15	769.168	61.002	171.526	460.147	2099.689
- *n*	15	13	17	7	6	17
Other	5,052	4,893	434	518	1,797	8,142
- s.e.	1059.19	1256.87	55.053	100.250	527.395	1827.371
- *n*	14	6	15	12	4	15

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

IV. MBA Students' Enrollment Status and the Types and Amounts of Expenses they Incur

Average Annual Expenses, by Type of Expense and Enrollment Status

Figure 4.0 -- Average School-Related Expenses, by Type of Expense and Enrollment Status



For total school-related expenses and for all individual expense categories, full-time students indicate much higher expenditure levels than do part-time students.

Table 4.0 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Enrollment Status						
Full-Time	$6,329	$4,992	$487	$520	$1,714	$11,133
- s.e.	481.541	218.312	15.694	42.385	224.209	581.901
- *n*	868	625	845	584	287	882
Part-Time	2,269	4,488	210	241	365	2,936
- s.e.	184.294	593.804	7.113	13.296	109.069	208.466
- *n*	987	58	971	774	77	994

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

V. Differences in the Relationship between MBA Students' Characteristics and School-Related Expenses by Enrollment Status

Average Annual Expenses, by Type of Expense, Enrollment Status, and Age

Among full-time students, total school-related expenses are greater for students who are thirty years old or under, but then drop off substantially for students who are over thirty years old. In contrast, among students who attend part-time MBA programs, only students who are twenty-three years old or under show higher expense levels.

Table 5.0 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Age

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Age in Years			**Full-Time Students**			
23 or under	$6,478	$4,272	$473	$506	$1,614	$11,021
- s.e.	571.148	218.990	22.703	82.929	221.308	736.222
- *n*	282	219	276	171	99	285
24-26	6,690	5,076	509	551	1,638	11,850
- s.e.	557.508	287.598	21.510	95.456	173.851	768.602
- *n*	308	245	305	191	107	316
27-30	6,610	6,057	489	433	2,287	12,280
- s.e.	619.827	855.977	18.645	46.743	984.639	1063.733
- *n*	153	110	150	117	54	157
31-35	4,427	5,244	455	413	1,285	8,107
- s.e.	444.704	492.896	23.714	66.885	391.111	644.718
- *n*	85	42	79	72	18	85
36 or over	5,447	6,080	457	956	1,087	8,171
- s.e.	881.612	811.405	47.428	231.348	405.267	1056.036
- *n*	40	9	35	33	9	40

(continued)

Table 5.0 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Age (continued)

Age in Years	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
			Part-Time Students			
23 or under	$2,703	$4,011	$218	$222	$2,141	$3,720
- s.e.	367.278	641.627	14.409	38.226	857.361	497.104
- *n*	106	14	106	90	4	106
24-26	2,407	3,347	211	236	192	2,928
- s.e.	207.898	503.414	11.453	25.118	70.298	236.264
- *n*	308	13	309	251	21	312
27-30	1,995	6,546	208	232	302	2,783
- s.e.	206.345	776.831	11.159	22.061	191.991	270.235
- *n*	267	15	264	219	33	268
31-35	2,147	3,905	210	213	290	2,685
- s.e.	262.932	1326.022	11.796	24.343	142.053	283.877
- *n*	148	6	144	110	12	148
36 or over	2,289	3,984	208	317	385	2,919
- s.e.	306.123	2336.912	11.322	27.935	141.709	352.083
- *n*	157	9	148	104	8	159

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Enrollment Status, and Sex

Among both full-time and part-time MBA students, males and females have similar school-related expenses, with the exception of the "other expense" category, in which full-time males report higher expenses than do their female counterparts.

Table 5.1 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Sex

Sex	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
			Full-Time Students			
Male	$6,399	$5,155	$487	$513	$1,909	$11,470
- s.e.	438.657	262.584	14.497	58.282	313.604	561.585
- *n*	569	416	551	383	190	576
Female	6,213	4,680	488	534	1,310	10,494
- s.e.	625.368	283.191	23.983	50.608	201.736	800.765
- *n*	296	206	291	201	94	303
			Part-Time Students			
Male	$2,331	$4,879	$216	$255	$440	$3,068
- s.e.	195.664	685.148	8.142	18.077	172.492	224.493
- *n*	594	37	580	448	41	595
Female	2,146	3,661	200	220	279	2,689
- s.e.	190.977	1236.806	8.752	19.265	115.530	216.023
- *n*	391	19	390	325	36	398

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Enrollment Status, and Marital Status

Among both full-time and part-time MBA students, there are no significant differences in total school-related expenses between never-married individuals and those who are currently married.

Table 5.2 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Marital Status

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Marital Status			**Full-Time Students**			
Never Married	$6,583	$4,576	$492	$490	$1,570	$11,475
- s.e.	506.089	189.460	16.587	55.113	132.995	614.163
- *n*	611	496	610	377	224	621
Currently Married	5,988	6,762	486	612	2,543	10,835
- s.e.	557.993	627.614	26.204	90.517	1042.553	874.410
- *n*	221	112	201	182	52	224
Separated	6,310	8,133	588	445	473	14,258
- s.e.	2498.169	1783.044	180.393	230.699	17.707	4287.918
- *n*	5	4	5	5	1	5
Widowed	6,555	5,861	265	106	354	10,130
- s.e.	1913.718	1967.894	59.487	5.999	3.216	4106.030
- *n*	4	2	2	2	2	4
Divorced	1,400	0	483	283	0	2,166
- s.e.	214.390	0.000	14.245	96.155	0.000	103.990
- *n*	3	0	3	3	0	3

(continued)

Table 5.2 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Marital Status (continued)

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
			Part-Time Students			
Never Married	$2,387	$4,243	$208	$215	$508	$3,158
- s.e.	203.956	617.843	9.161	21.439	191.227	254.296
- *n*	405	37	404	325	23	408
Currently Married	2,213	4,871	213	260	309	2,821
- s.e.	224.228	1360.621	8.918	20.683	132.615	244.508
- *n*	501	19	485	379	51	503
Separated	2,245	0	258	115	0	2,614
- s.e.	233.766	0.000	55.334	29.359	0.000	277.619
- *n*	12	0	12	12	0	12
Widowed	1,980	0	261	581	0	2,441
- s.e.	387.447	0.000	27.322	76.424	0.000	356.954
- *n*	4	0	4	2	0	4
Divorced	2,605	0	185	275	0	2,929
- s.e.	572.077	0.000	28.783	22.864	0.000	637.304
- *n*	4	0	4	2	0	4

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Enrollment Status, and Father's Education

For part-time students, there is a tendency for the offspring of more highly educated fathers to indicate higher school-related expenses. However, full-time students do not show this same relationship.

Table 5.3 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Father's Education

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Father's Education			**Full-Time Students**			
Some High School	$5,317	$5,073	$478	$675	$3,124	$10,632
- s.e.	544.590	388.450	24.383	101.674	1918.822	928.729
- *n*	89	61	85	62	28	89
HS Diploma	6,033	4,543	509	682	1,079	10,426
- s.e.	668.189	375.722	33.626	127.437	172.733	978.950
- *n*	137	94	127	107	35	137
Some College	6,049	4,546	471	556	1,299	10,132
- s.e.	619.101	297.179	22.930	132.293	135.388	730.920
- *n*	140	98	139	89	43	144
College Degree	6,415	5,322	487	447	1,700	11,517
- s.e.	517.312	483.813	17.138	82.175	251.552	706.379
- *n*	218	163	218	148	76	223
MBA	8,107	5,879	552	481	2,859	14,218
- s.e.	1079.491	578.983	59.509	60.383	514.352	1690.433
- *n*	46	32	45	31	23	47
Other Master's	6,140	5,139	454	366	932	10,471
- s.e.	567.639	491.581	24.515	63.453	161.887	902.035
- *n*	97	65	87	58	28	97
Doctor's Degree	6,992	4,979	486	402	1,619	12,128
- s.e.	706.813	305.294	25.586	57.364	142.055	866.636
- *n*	113	93	115	67	47	117
Other	6,965	4,173	477	463	1,891	10,630
- s.e.	838.603	745.734	68.372	71.980	394.874	1481.845
- *n*	20	12	20	18	3	20

(continued)

Table 5.3 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Father's Education (continued)

Father's Education	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
			Part-Time Students			
Some High School	$1,949	$1,613	$183	$253	$290	$2,396
- s.e.	212.234	592.395	11.788	23.391	100.204	233.906
- *n*	196	11	197	156	10	200
HS Diploma	2,150	7,256	204	218	189	2,771
- s.e.	194.993	1931.313	10.332	20.432	43.001	267.066
- *n*	232	8	227	183	19	233
Some College	2,254	5,445	236	270	172	2,776
- s.e.	229.008	749.480	14.584	35.892	64.775	222.015
- *n*	176	3	173	136	20	177
College Degree	2,336	4,284	217	262	581	3,031
- s.e.	228.430	1277.266	12.415	31.998	394.374	263.275
- *n*	210	12	203	165	16	211
MBA	2,996	1,622	209	135	2,579	3,595
- s.e.	414.509	577.548	18.199	30.738	1638.117	481.248
- *n*	26	3	26	20	1	26
Other Master's	2,759	6,699	240	210	75	4,211
- s.e.	534.435	1240.826	25.149	27.709	0.000	863.830
- *n*	49	8	49	38	1	49
Doctor's Degree	2,306	4,836	225	229	869	3,583
- s.e.	358.291	655.330	18.667	53.164	576.937	487.436
- *n*	66	11	65	53	7	66
Other	4,313	3,000	192	285	1	5,306
- s.e.	1615.518	0.000	70.559	139.524	0.000	1860.746
- *n*	11	2	10	8	3	11

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Enrollment Status, and Mother's Education

For full-time students, mothers' educational attainment appears to be positively, but weakly, associated with higher levels of school-related expenses. In contrast, even this weak pattern does not emerge among part-time MBA students.

Table 5.4 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Mother's Education

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Mother's Education			**Full-Time Students**			
Some High School	$5,560	$4,576	$501	$837	$1,274	$10,603
- s.e.	451.533	435.054	29.396	133.269	170.354	784.769
- *n*	97	76	89	59	38	97
HS Diploma	5,875	4,946	470	416	1,072	10,045
- s.e.	563.343	316.356	24.078	42.784	153.580	774.702
- *n*	219	140	209	159	66	220
Some College	6,151	5,184	476	502	2,438	11,319
- s.e.	544.425	409.077	17.224	90.693	807.982	832.396
- *n*	225	166	223	154	68	229
College Degree	6,837	5,055	506	563	1,839	11,734
- s.e.	607.333	256.830	24.088	107.145	252.343	721.098
- *n*	229	163	225	150	75	232
MBA	6,896	3,494	479	201	0	11,056
- s.e.	1413.476	346.377	39.362	12.363	0.000	1456.159
- *n*	4	4	4	4	0	4
Other Master's	7,164	4,945	491	407	1,608	12,201
- s.e.	853.931	347.103	27.912	70.047	263.221	1035.782
- *n*	63	50	61	40	26	64
Doctor's Degree	10,547	5,315	471	576	1,956	15,161
- s.e.	487.660	803.451	74.381	226.149	419.379	2177.631
- *n*	10	12	12	5	5	12
Other	5,928	4,893	503	618	1,797	9,649
- s.e.	1327.109	1256.870	47.952	119.817	527.395	2297.645
- *n*	11	6	12	9	4	12

(continued)

Table 5.4 -- Average Annual Expenses Incurred by MBA Students, by Enrollment Status and Mother's Education (continued)

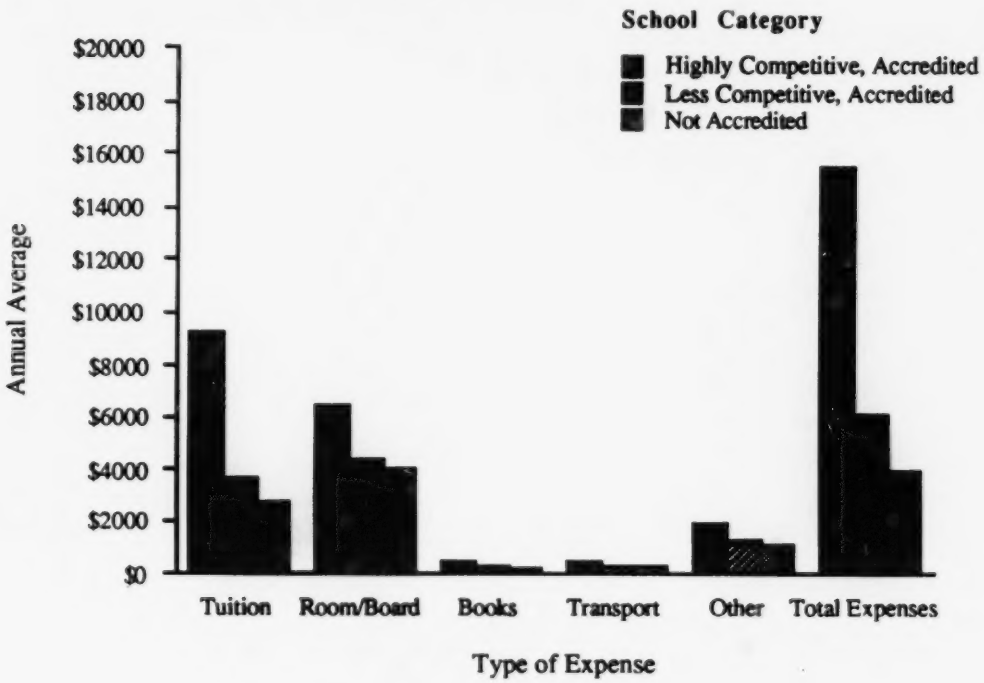
Mother's Education	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
			Part-Time Students			
Some High School	$2,032	$2,079	$202	$244	$289	$2,522
- s.e.	234.725	1010.985	14.252	25.890	159.615	242.356
- *n*	127	6	122	95	6	127
HS Diploma	2,231	4,690	204	239	149	2,793
- s.e.	209.585	1311.815	10.454	19.473	47.984	242.345
- *n*	359	15	358	288	19	363
Some College	2,084	4,173	211	229	434	2,708
- s.e.	217.198	1052.503	9.008	25.779	237.763	238.748
- *n*	263	14	258	207	26	266
College Degree	2,760	4,768	237	244	607	3,709
- s.e.	245.883	825.337	11.222	36.295	289.695	351.284
- *n*	135	13	132	109	17	135
MBA	2,518	0	148	369	0	2,888
- s.e.	1020.288	0.000	25.732	13.743	0.000	1046.507
- *n*	10	0	10	6	0	10
Other Master's	2,363	5,894	221	285	200	3,572
- s.e.	409.772	1610.719	31.136	67.663	170.558	625.423
- *n*	67	8	66	54	9	67
Doctor's Degree	2,038	3,500	185	95	462	2,879
- s.e.	482.185	0.000	59.466	33.927	341.040	906.922
- *n*	5	1	5	2	1	5
Other	1,771	0	185	318	0	2,273
- s.e.	866.713	0.000	46.131	126.381	0.000	941.667
- *n*	2	0	2	2	0	2

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

VI. Differences in the Relationship between MBA Students' Characteristics and School-Related Expenses, by Accreditation Status and Admission Competitiveness of School in Which the Student Matriculated

Average Annual Expenses, by Type of Expense and Current School Characteristics

Figure 6.0 -- Average School-Related Expenses, by Type of Expense and Current School Characteristics



Students enrolled in highly competitive, accredited MBA programs indicate considerably higher total school-related expenses and higher figures for all expense categories than do students in less competitive, accredited schools. Students in MBA programs that are not accredited show the lowest expense levels among all three program categories. These differences may be due partly to the greater concentration of part-time students -- who have lower expenses-- in less competitive and unaccredited schools.

Table 6.0 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Highly Competitive,						
Accredited	$9,288	$6,397	$536	$527	$1,983	$15,540
- s.e.	793.520	429.801	34.443	69.538	280.478	1009.881
- *n*	284	215	274	188	104	287
Less Competitive,						
Accredited	3,643	4,372	340	353	1,290	6,082
- s.e.	468.138	251.030	18.237	24.310	297.398	613.199
- *n*	1003	388	1009	723	188	1018
Not Accredited	2,738	3,984	251	309	1,130	3,884
- s.e.	366.097	566.495	19.685	44.754	280.539	417.424
- *n*	717	103	671	549	88	723

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

VII. Differences in the Relationship between MBA Students' Characteristics and School-Related Expenses, by Accreditation Status and Admission Competitiveness of School in Which the Student Matriculated

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Age

Among students in less competitive, accredited schools and schools that are not accredited, there is a linear decline in total school-related expenses as students get older. There are no significant differences among age groups for students attending highly competitive schools.

Table 7.0 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Age

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Age in Years			**Highly Competitive, Accredited**			
23 or under	$9,663	$5,446	$524	$744	$2,215	$15,508
- s.e.	662.324	400.111	51.493	300.947	652.999	1293.653
- *n*	65	51	66	40	23	66
24-26	9,547	5,957	556	437	1,641	15,721
- s.e.	880.857	434.417	45.068	47.533	133.055	1403.325
- *n*	125	101	122	74	55	126
27-30	9,371	8,181	551	472	1,932	17,069
- s.e.	990.927	1800.882	29.645	54.455	198.330	1350.432
- *n*	64	48	61	51	19	64
31-35	7,376	6,282	455	343	2,375	12,433
- s.e.	1260.368	1361.532	30.330	107.436	796.262	1734.844
- *n*	18	11	17	13	4	18
36 or over	7,064	8,880	401	899	6,551	10,859
- s.e.	1513.324	3188.162	34.832	415.486	3675.299	1514.465
- *n*	12	3	9	8	3	13

(continued)

Table 7.0 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Age (continued)

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Age in Years		**Less Competitive, Accredited**				
23 or under	$4,827	$3,960	$400	$325	$1,353	$8,172
- s.e.	714.718	273.222	26.508	21.483	225.894	930.679
- *n*	257	161	256	160	60	259
24-26	3,637	4,514	342	371	960	6,129
- s.e.	433.269	312.178	17.951	60.661	113.544	599.540
- *n*	328	134	335	235	58	335
27-30	2,992	4,600	295	306	2,013	4,910
- s.e.	431.054	347.282	17.456	26.802	1292.241	590.655
- *n*	220	52	221	169	40	223
31-35	2,808	4,869	320	351	1,011	4,894
- s.e.	306.157	498.378	22.525	41.843	287.021	449.563
- *n*	117	32	115	95	19	117
36 or over	2,898	6,801	292	484	514	4,227
- s.e.	510.902	1825.439	26.806	96.298	150.995	649.269
- *n*	82	8	82	65	11	84
Age in Years		**Not Accredited**				
23 or under	$3,988	$3,634	$310	$349	$1,818	$6,082
- s.e.	489.268	443.673	42.045	84.252	406.958	941.432
- *n*	102	32	93	87	25	103
24-26	2,867	3,851	269	334	1,978	4,033
- s.e.	398.305	894.156	26.514	97.703	680.556	458.199
- *n*	204	28	197	161	18	207
27-30	2,382	5,506	233	233	549	3,742
- s.e.	442.588	1099.577	26.090	30.978	259.302	577.128
- *n*	164	26	155	137	28	165
31-35	2,293	4,020	239	297	122	2,992
- s.e.	415.451	1183.053	23.060	84.339	29.177	460.443
- *n*	120	7	110	88	12	120
36 or over	2,413	874	206	357	457	2,889
- s.e.	427.510	452.745	18.657	73.356	137.283	459.632
- *n*	127	8	115	76	5	127

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Sex

In all three school categories -- highly competitive, accredited; less competitive, accredited; and not accredited -- there are no significant differences between the total school-related expenses of male and female students.

Table 7.1 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Sex

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Sex			**Highly Competitive, Accredited**			
Male	$9,364	$6,762	$538	$505	$2,230	$16,127
- s.e.	732.736	561.142	27.309	96.742	391.930	907.695
- *n*	187	147	181	125	66	189
Female	9,115	5,602	529	571	1,560	14,358
- s.e.	977.390	454.337	54.650	80.576	214.650	1376.913
- *n*	95	66	92	62	38	96
			Less Competitive, Accredited			
	$3,674	$4,417	$343	$352	$1,485	$6,294
- s.e.	447.625	247.705	16.488	32.843	439.056	589.463
- *n*	625	253	626	446	124	631
Female	3,581	4,271	335	357	904	5,716
- s.e.	537.190	361.174	23.319	34.707	196.713	730.751
- *n*	376	134	381	277	64	385
			Not Accredited			
Male	$2,937	$4,195	$271	$337	$1,345	$4,248
- s.e.	384.669	671.124	21.487	61.049	313.010	444.794
- *n*	430	69	399	316	51	432
Female	2,415	3,620	220	270	769	3,293
- s.e.	358.812	722.429	20.926	45.632	489.988	437.199
- *n*	284	32	270	233	35	289

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Marital Status

Among those students attending highly competitive, accredited schools, never-married MBA students indicate approximately the same level of total school-related expenses as do those who are currently married. However, in schools that are less competitive or not accredited, never-married students report higher school-related expenses than do their married counterparts. This difference is probably due to the fact that more married students attend school on a part-time basis in these latter two school categories.

Table 7.2 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Marital Status

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Marital Status			**Highly Competitive, Accredited**			
Never Married	$9,617	$5,758	$546	$509	$1,832	$15,962
- s.e.	806.341	329.169	39.061+	93.548	209.748	1126.766
- *n*	195	163	195	121	81	196
Currently Married	8,970	8,689	512	590	2,808	15,397
- s.e.	804.675	1407.541	49.354	90.329	777.881	1345.626
- *n*	71	43	63	54	19	73
Separated	12,000	10,000	1,000	40	0	23,040
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
- *n*	2	2	2	2	0	2
Widowed	6,601	6,325	311	0	1,128	14,365
- s.e.	3625.467	1380.607	91.552	0.000	640.865	4273.657
- *n*	2	2	2	0	2	2

(continued)

Table 7.2 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Marital Status (continued)

Marital Status	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
			Less Competitive, Accredited			
Never Married	$4,100	$4,066	$371	$324	$1,113	$7,052
- s.e.	516.720	223.568	19.160	16.420	95.349	678.791
- *n*	557	306	563	366	121	566
Currently Married	3,045	5,740	301	397	1,837	4,915
- s.e.	433.688	557.464	19.373	49.452	931.114	588.558
- *n*	375	67	373	307	57	379
Separated	2,246	8,192	296	505	473	5,887
- s.e.	438.725	3560.137	20.664	214.504	17.707	2723.099
- *n*	4	1	4	4	1	4
Widowed	1,263	0	186	581	0	2,030
- s.e.	366.200	0.000	41.396	76.424	0.000	331.172
- *n*	2	0	2	2	0	2
Divorced	3,102	0	230	275	0	3,607
- s.e.	982.119	0.000	22.259	22.864	0.000	994.124
- *n*	2	0	2	2	0	2
			Not Accredited			
Never Married	$3,155	$3,756	$279	$346	$1,724	$4,860
- s.e.	363.195	456.331	26.516	87.339	422.916	552.489
- *n*	280	69	272	228	47	284
Currently Married	2,441	4,724	230	295	429	3,283
- s.e.	448.071	1167.635	17.174	55.519	222.074	482.525
- *n*	351	28	316	256	34	351
Separated	2,302	3,000	263	129	0	2,879
- s.e.	234.410	0.000	59.874	41.525	0.000	338.275
- *n*	11	1	11	11	0	11
Widowed	3,148	1,880	316	106	360	3,701
- s.e.	862.530	0.000	16.606	5.999	0.000	799.727
- *n*	5	1	4	2	1	5
Divorced	1,691	0	341	283	0	2,197
- s.e.	256.379	0.000	105.831	96.155	0.000	66.509
- *n*	5	0	5	3	0	5

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Father's Education

Irrespective of program accreditation or admission competitiveness, no strong and consistent relationship exists between the school-related expenses of MBA students and their fathers' educational attainment.

Table 7.3 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Father's Education			**Highly Competitive, Accredited**			
Some High School	$8,073	$7,161	$543	$624	$1,100	$14,771
- s.e.	1587.159	244.353	94.632	110.912	550.742	2389.318
- *n*	16	12	14	16	3	16
HS Diploma	8,542	6,954	529	611	1,659	13,447
- s.e.	1246.894	934.796	95.002	172.920	178.570	2010.937
- *n*	32	16	29	26	8	32
Some College	8,695	5,809	518	860	1,743	14,326
- s.e.	951.613	617.155	54.220	334.399	327.762	1391.155
- *n*	38	25	38	26	14	38
College Degree	9,420	7,059	516	387	1,948	16,260
- s.e.	824.589	1043.903	41.071	39.511	270.635	1052.509
- n	83	67	85	56	28	85
MBA	10,261	6,568	574	472	2,830	18,346
- s.e.	1134.845	805.273	88.301	114.021	644.040	2253.708
- *n*	23	19	23	13	15	23
Other Master's	9,408	6,214	555	419	1,274	15,735
- s.e.	853.414	799.946	66.564	106.858	162.147	1575.541
- *n*	30	24	29	17	12	30
Doctor's Degree	9,601	5,645	548	450	2,216	15,551
- s.e.	939.029	438.571	41.009	76.652	579.449	1049.634
- *n*	50	43	46	26	24	52
Other	10,657	4,417	569	564	0	14,457
- s.e.	574.865	1229.571	70.002	100.709	0.000	1339.503
- *n*	9	6	8	7	0	9

(continued)

Table 7.3 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education (continued)

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Father's Education			**Less Competitive, Accredited**			
Some High School	$3,368	$4,435	$330	$450	$3,035	$6,006
- s.e.	319.340	372.494	17.459	70.166	2007.154	606.318
- *n*	139	46	137	101	25	140
HS Diploma	3,589	4,724	330	371	1,032	5,889
- s.e.	645.433	566.212	28.095	42.308	372.598	955.233
- *n*	194	65	192	148	28	195
Some College	3,655	3,987	329	329	772	5,474
- s.e.	550.058	284.682	21.027	30.948	93.878	678.780
- *n*	190	61	196	134	36	196
College Degree	3,356	4,286	341	362	897	5,707
- s.e.	391.445	289.014	18.308	72.006	162.031	572.818
- *n*	242	94	244	174	53	247
MBA	3,954	4,443	368	260	1,886	6,509
- s.e.	1076.187	773.176	48.371	66.735	572.772	1369.777
- *n*	44	19	45	33	5	45
Other Master's	3,613	4,320	351	265	899	6,714
- s.e.	697.662	323.360	23.102	25.040	227.143	874.038
- *n*	63	35	63	42	9	63
Doctor's Degree	4,579	4,395	382	317	1,385	7,837
- s.e.	642.462	415.965	27.117	40.458	192.609	853.117
- *n*	108	58	109	74	28	109
Other	4,975	4,252	345	346	1,206	8,884
- s.e.	1025.637	478.607	51.486	56.699	320.902	1824.455
- *n*	9	7	9	7	1	9

(continued)

Table 7.3 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education (continued)

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Father's Education			**Not Accredited**			
Some High School	$2,107	$3,044	$194	$252	$1,036	$2,864
- s.e.	323.876	968.617	20.841	31.353	362.208	507.906
- *n*	149	18	148	116	10	153
HS Diploma	2,708	3,414	258	367	510	3,767
- s.e.	417.573	536.732	31.906	100.549	177.630	575.269
- *n*	184	27	171	146	24	185
Some College	2,543	4,907	289	293	481	3,804
- s.e.	411.084	890.540	26.348	56.553	254.839	516.759
- *n*	110	16	101	80	13	110
College Degree	2,850	3,477	273	321	2,745	4,137
- s.e.	508.952	656.131	28.443	54.559	1012.832	642.269
- *n*	126	18	117	97	14	126
MBA	3,980	5,000	231	435	2,527	5,503
- s.e.	596.934	0.000	29.827	104.426	768.783	1262.186
- *n*	23	1	21	18	7	23
Other Master's	4,013	6,311	287	283	324	5,832
- s.e.	654.056	1658.023	36.981	78.143	211.658	543.411
- *n*	60	13	49	42	8	60
Doctor's Degree	2,316	4,294	239	238	710	3,445
- s.e.	526.772	577.427	25.846	86.211	561.117	639.455
- *n*	40	7	40	32	6	41
Other	3,380	900	299	353	751	4,403
- s.e.	992.557	0.000	115.080	126.507	761.579	1361.104
- *n*	12	1	12	12	5	12

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

Average Annual Expenses, by Type of Expense, Current School Characteristics, and Mother's Education

Irrespective of the accreditation status or competitiveness of MBA programs, there is little direct relationship between mothers' educational attainment and the total school-related expenditures of their offspring who are attending MBA programs.

Table 7.4 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Mother's Education		**Highly Competitive, Accredited**				
Some High School	$9,072	$8,474	$636	$619	$1,139	$17,829
- s.e.	1161.572	757.708	65.357	132.077	294.090	2418.535
- *n*	15	13	15	11	5	15
HS Diploma	8,343	6,682	470	428	1,540	13,524
- s.e.	934.816	727.132	50.075	52.262	304.022	1357.273
- *n*	51	30	46	37	16	51
Some College	9,708	7,183	520	684	1,855	16,667
- s.e.	580.076	799.033	37.372	214.647	223.745	1263.744
- *n*	71	53	67	49	26	71
College Degree	9,592	5,718	580	493	2,018	15,874
- s.e.	1029.664	364.492	38.514	60.035	457.338	1367.618
- *n*	85	72	87	54	34	87
MBA	8,098	4,000	328	314	0	10,453
- s.e.	1270.928	0.000	108.937	72.624	0.000	2759.730
- *n*	3	1	3	3	0	3
Other Master's	9,675	6,117	515	398	2,1000	15,918
- s.e.	1327.084	448.031	63.695	82.248	882.688	1823.318
- *n*	33	25	30	20	15	34
Doctor's Degree	9,723	5,418	483	571	1,648	15,360
- s.e.	984.299	984.717	81.867	229.620	585.304	2322.677
- *n*	10	10	11	5	5	11
Other	11,107	5,562	562	1,470	2,630	18,351
- s.e.	516.806	1215.084	82.043	0.000	0.000	2376.891
- *n*	4	4	4	1	1	4

(continued)

Table 7.4 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education (continued)

	Tuition and Fees	Room and Board	Book Costs	Transportation	Other Expenses	Total Expenses
Mother's Education		**Less Competitive, Accredited**				
Some High School	$3,473	$4,084	$344	$466	$1,119	$6,061
- s.e.	349.073	283.120	19.682	85.923	202.969	552.453
- *n*	111	46	109	72	24	111
HS Diploma	3,642	4,610	337	355	810	5,990
- s.e.	509.369	411.565	23.856	26.323	85.211	769.511
- *n*	287	104	286	210	47	290
Some College	3,389	4,219	330	308	1,773	5,732
- s.e.	470.852	270.331	18.383	26.763	949.637	621.278
- *n*	272	100	277	206	55	279
College Degree	4,103	4,505	370	402	1,319	6,972
- s.e.	569.443	318.874	26.490	87.687	210.688	727.121
- *n*	196	88	196	140	38	198
MBA	4,154	3,261	368	249	0	6,791
- s.e.	1577.961	407.980	64.720	42.858	0.000	2142.088
- *n*	5	3	5	4	0	5
Other Master's	3,624	3,536	345	346	969	6,163
- s.e.	803.117	349.478	21.748	55.791	328.131	843.599
- *n*	55	29	57	41	13	57
Doctor's Degree	3,800	4,324	215	104	1,550	5,820
- s.e.	1689.008	529.564	64.543	30.656	353.043	2839.157
- *n*	5	1	5	2	1	5
Other	1,953	7,420	300	358	271	4,543
- s.e.	648.116	1462.134	57.807	107.086	172.257	1828.320
- *n*	3	1	4	3	1	4

(continued)

Table 7.4 -- Average Annual Expenses Incurred by MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education (continued)

	Tuition and Fees	Room and Board	Book Costs	Trans-porta-tion	Other Expenses	Total Expenses
Mother's Education			**Not Accredited**			
Some High School	$2,853	$2,819	$262	$440	$1,188	$4,223
- s.e.	398.101	675.229	40.795	122.821	324.209	750.116
- *n*	104	24	92	76	15	104
HS Diploma	2,579	3,689	228	231	493	3,324
- s.e.	356.891	628.907	22.374	24.340	197.719	424.110
- *n*	249	22	242	206	23	252
Some College	2,480	4,240	260	275	2,420	3,867
- s.e.	491.109	880.375	23.191	53.286	1036.808	568.894
- *n*	158	28	145	119	13	158
College Degree	3,642	4,941	310	423	1,445	5,498
- s.e.	675.339	1254.812	32.520	191.711	593.767	1125.196
- *n*	91	17	82	70	21	91
MBA	1,460	0	121	350	0	1,749
- s.e.	758.298	0.000	21.728	0.000	0.000	653.280
- *n*	6	0	6	3	0	6
Other Master's	2,301	6,413	251	288	177	3,775
- s.e.	552.843	1655.835	48.722	100.466	96.016	878.971
- *n*	46	7	44	35	10	46
Doctor's Degree	0	4,800	300	0	0	5,100
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
- *n*	0	2	2	0	0	2
Other	3,374	900	445	458	2,500	4,944
- s.e.	816.006	0.000	91.077	67.170	0.000	1392.047
- *n*	7	1	7	7	1	7

Note: Total expenses are not the sum of individual expense categories because many students did not report every type of expense.

PART TWO: FINANCIAL RESOURCES AVAILABLE TO MBA STUDENTS FOR SCHOOL-RELATED EXPENSES

Description of Data Source and Classification of Variables

Part Two of this report includes tabular and graphic descriptions of five individual categories of financial resources that MBA students use to meet their school-related expenses. Figures representing totals in these tables are not the sum of averages for individual resource categories, because not all students rely on every type of financial resource and because nonresponse rates for individual resource categories vary.

Data on MBA students' financial resources were derived from the following questionnaire item:

> *Looking again at the year from September 1, 1985 to August 31, 1986, do you expect to receive funds from any of the following sources? WRITE IN AMOUNTS IN DOLLARS, OR CHECK "DOES NOT APPLY" IF YOU GET NO FUNDS FROM THAT PARTICULAR SOURCE.*

LOANS

a. College or university loan
b. Federal Guaranteed Student Loan
c. Federal Insured Student Loan
d. National Direct Student Loan
e. Parents, relatives, or friends
f. Regular bank loan
g. State student loan
h. Other loan, specify

SCHOLARSHIPS

i. College or university
j. Other scholarship, specify

OTHER

k. Work/study program
l. Employer tuition reimbursement
m. Employer paid for school time
n. Your parents (not a loan)
o. Other, specify

VIII. Types and Amounts of Financial Resources Available to MBA Students for School Expenses

Average Financial Resources, by Type of Resource

Among all MBA students responding to the survey, the largest number report relying on some type of employer contribution to meet their school-related expenses. However, in terms of actual dollars, larger average resource contributions come from parents than from any other source.

Table 8.0 -- Average Annual Financial Resources Available to MBA Students, by Type of Resource

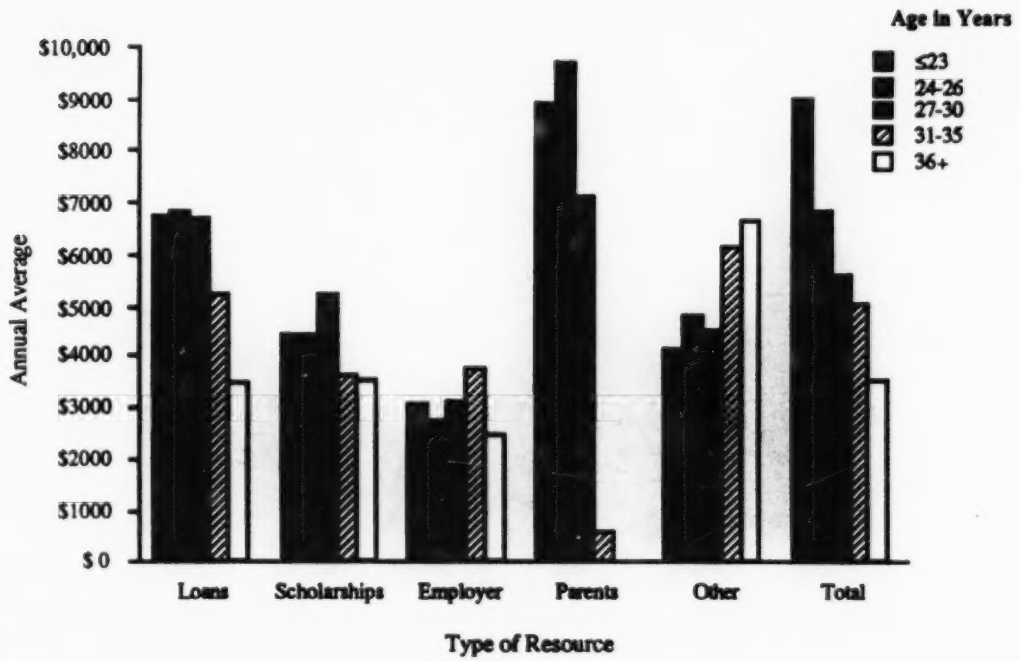
	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
All Students	**$6,481**	**$4,454**	**$2,990**	**$8,789**	**$4,879**	**$6,503**
- s.e.	366.219	425.886	262.418	639.343	340.170	394.863
- *n*	586	229	914	268	286	1739

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

IX. MBA Students' Personal Characteristics and the Types and Amounts of Financial Resources Available for School Expenses

Average Financial Resources, by Type of Resource and Age

Figure 9.0 -- Average Resource Value, by Type of Resource and Age



Total financial resources available to MBA students to meet school-related expenses decline with a student's age. This is especially true for contributions from parents, with very few older students reporting any parental contribution at all.

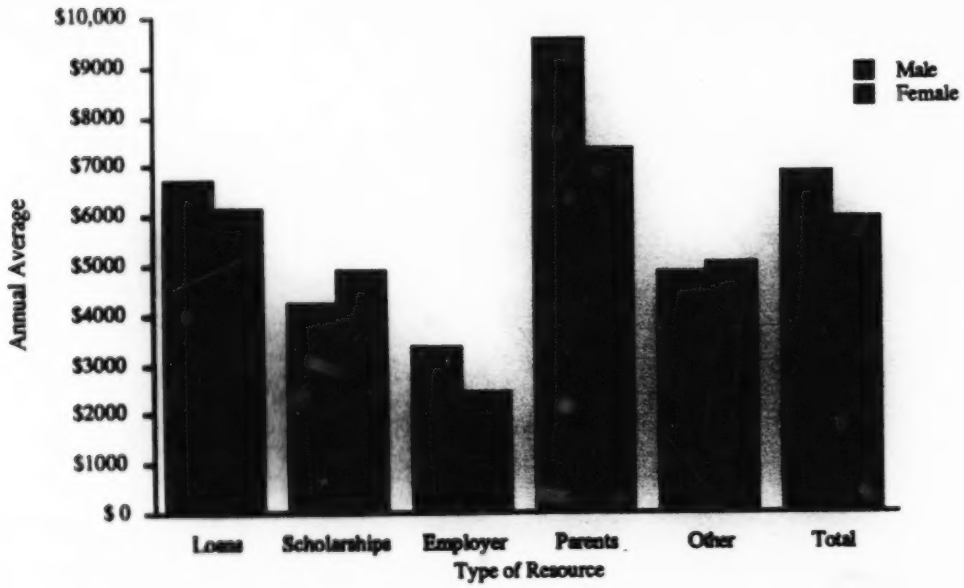
Table 9.0 -- Average Annual Financial Resources Available to MBA Students, by Age

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Age in Years						
23 or under	$6,728	$4,405	$3,067	$8,917	$4,122	$8,991
- s.e.	544.157	601.349	462.571	720.866	515.314	577.667
- *n*	182	77	99	144	79	386
24-26	6,806	4,405	2,730	9,664	4,777	6,824
- s.e.	509.555	563.661	290.764	1127.490	489.655	446.422
- *n*	230	99	308	88	84	600
27-30	6,651	5,195	3,109	7,075	4,514	5,570
- s.e.	433.685	862.763	441.318	1333.418	667.971	439.596
- *n*	103	34	246	32	60	382
31-35	5,203	3,609	3,767	598	6,132	5,029
- s.e.	727.837	1361.800	741.617	106.999	1082.288	604.511
- *n*	44	15	137	5	40	209
36 or over	3,490	3,525	2,481	0	6,629	3,505
- s.e.	523.106	1282.551	350.100	0.000	1701.364	490.911
- *n*	27	5	125	0	23	163

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Sex

Figure 9.1-- Average Resource Value, by Type of Resource and Sex



There are no significant differences in the total reported financial resources of male and female MBA students. However, males indicate receiving significantly greater contributions from their employers than do females.

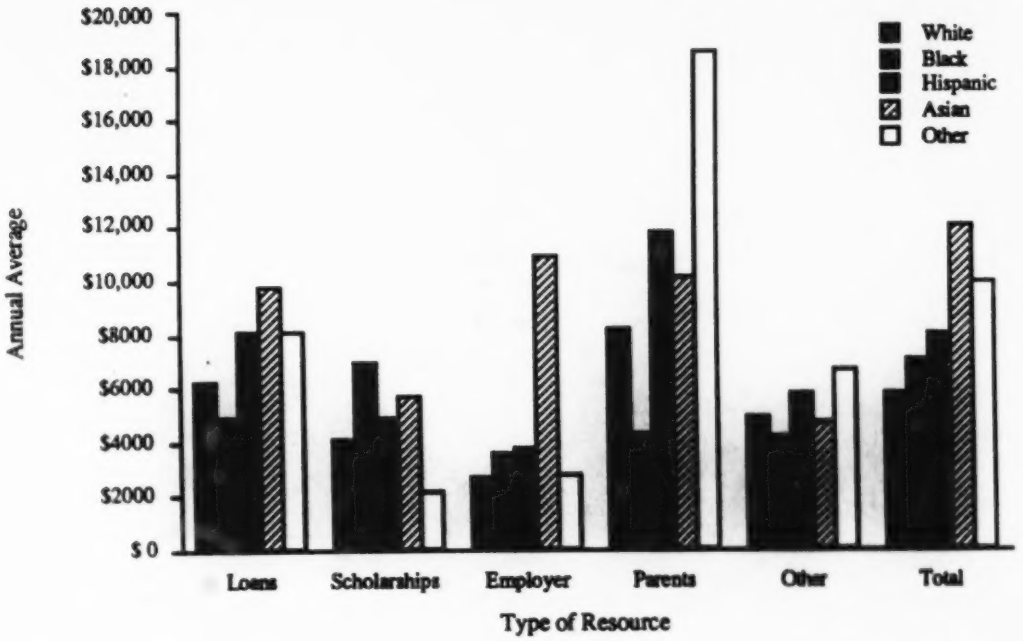
Table 9.1 -- Average Annual Financial Resources Available to MBA Students, by Sex

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Sex						
Male	$6,705	$4,200	$3,321	$9,511	$4,793	$6,827
- s.e.	425.273	356.733	330.083	660.465	420.978	416.083
- *n*	366	140	573	178	185	1102
Female	6,086	4,853	2,423	7,319	5,022	5,908
- s.e.	413.195	714.958	224.196	1084.805	560.018	478.310
- *n*	217	89	340	89	100	631

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Race/Ethnicity

Figure 9.2 -- Average Resource Value, by Type of Resource and Race/Ethnicity



Among MBA students of all racial/ethnic groups, only Asian students report having significantly greater financial resources. This is particularly true for differences in financial support supplied by employers.

Table 9.2 -- Average Annual Financial Resources Available to MBA Students, by Race/Ethnicity

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Race/Ethnicity						
White	$6,168	$4,081	$2,622	$8,128	$4,893	$5,782
- s.e.	388.372	542.487	226.597	844.654	407.923	442.810
- *n*	475	171	825	178	225	1442
Black	4,881	6,871	3,548	4,234	4,124	7,033
- s.e.	338.718	806.485	761.119	585.830	1241.474	642.912
- *n*	29	12	20	10	14	56

(continued)

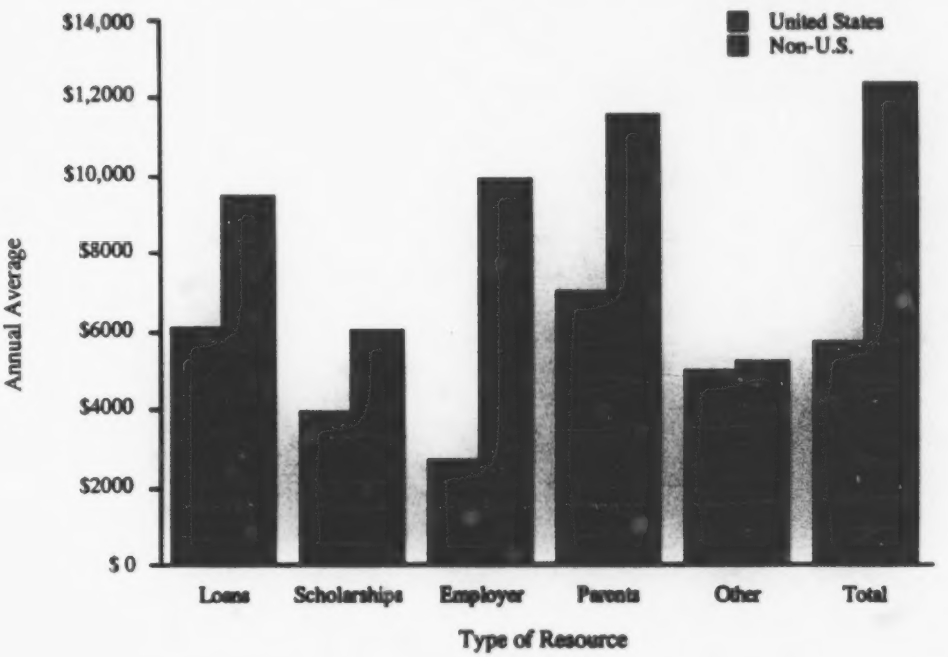
Table 9.2 -- Average Annual Financial Resources Available to MBA Students, by Race/Ethnicity (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Race/Ethnicity						
Hispanic	$8,058	$4,887	$3,752	$11,802	$5,758	$7,977
- s.e.	1957.925	1890.099	977.095	1699.513	2325.482	1100.873
- *n*	19	11	24	11	9	60
Asian	9,761	5,659	10,878	10,049	4,656	12,022
- s.e.	984.817	780.488	2674.066	872.328	720.535	830.100
- *n*	47	32	35	63	34	151
Other	8,071	2,168	2,762	18,529	6,635	9,949
- s.e.	1446.930	734.645	1056.718	2234.618	1116.782	1663.212
- *n*	12	3	10	5	3	24

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Citizenship

Figure 9.3 -- Average Resource Value, by Type of Resource and Citizenship



Foreign MBA students indicate larger amounts of financial resources available for meeting school-related expenses than do U.S. citizens, for all types of financial resources. The largest part of foreign students' resources comes from their employers.

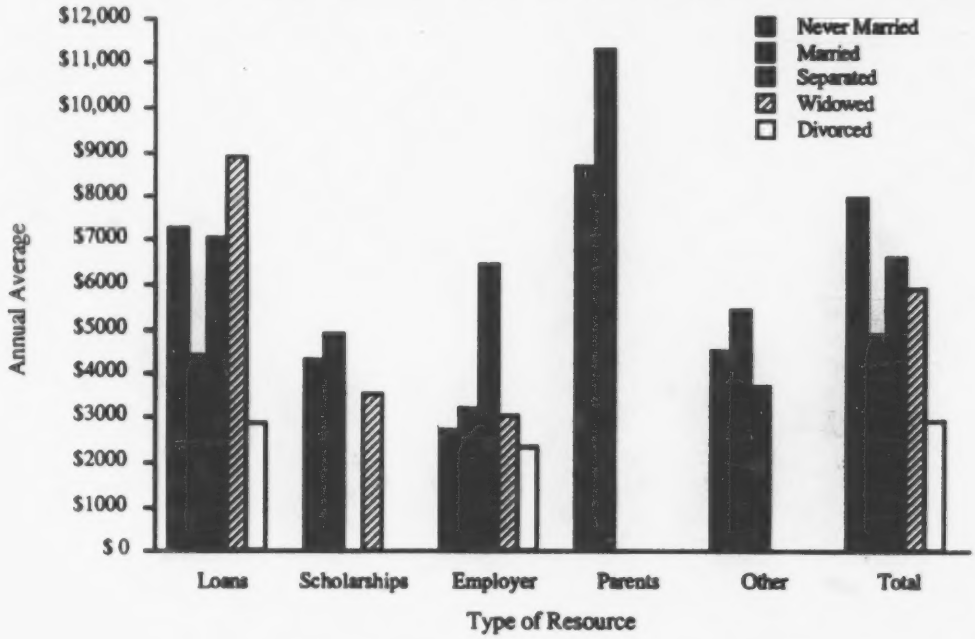
Table 9.3 - Average Annual Financial Resources Available to MBA Students, by Citizenship

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Citizenship						
United States	$6,072	$3,871	$2,680	$6,960	$4,940	$5,658
- s.e.	375.357	456.024	225.680	848.701	406.755	422.270
- *n*	479	176	814	156	226	1409
Non-U.S.	9,427	5,964	9,846	11,523	5,171	12,341
- s.e.	1051.436	587.906	2289.386	775.453	700.184	724.172
- *n*	80	47	44	107	49	239

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Marital Status

Figure 9.4 -- Average Resource Value, by Type of Resource and Marital Status



Never-married MBA students show greater amounts of total financial resources used to cover school-related expenses than do students who are currently married. However, among students who rely on a given resource category, average amounts available vary in irregular fashion according to students' marital status.

Table 9.4 -- Average Annual Financial Resources Available to MBA Students, by Marital Status

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Marital Status						
Never Married	$7,250	$4,287	$2,692	$8,665	$4,486	$7,933
- s.e.	436.087	396.069	288.460	645.688	381.776	478.254
- *n*	410	179	345	227	176	936
Currently Married	4,365	4,854	3,198	11,293	5,389	4,856
- s.e.	358.256	920.404	353.121	1838.528	631.620	403.059
- *n*	135	44	472	30	99	655

(continued)

Table 9.4 -- Average Annual Financial Resources Available to MBA Students, by Marital Status (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Marital Status						
Separated	$7,004	$0	$6,458	$0	$3,650	$6,609
- s.e.	1765.833	0.000	3551.163	0.000	925.636	2797.215
- *n*	2	0	10	0	1	13
Widowed	8,860	3,500	3,034	0	0	5,866
- s.e.	1326.661	0.000	644.256	0.000	0.000	1611.425
- *n*	3	1	6	0	0	8
Divorced	2,838	0	2,317	0	0	2,930
- s.e.	189.566	0.000	488.699	0.000	0.000	757.702
- *n*	2	0	3	0	0	5

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

X. MBA Students' Family Background and the Types and Amounts of Resources Available for School Expenses

Average Financial Resources, by Type of Resource and Father's Occupation

There appears to be no consistent pattern in the relationship between MBA students' family background as measured by father's occupation and school-related financial resources.

Table 10.0 -- Average Annual Financial Resources Available to MBA Students, by Father's Occupation

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Occupation						
Exec./Admin., Management	$6,782	$4,469	$2,906	$9,595	$4,619	$7,422
- s.e.	508.051	495.104	329.628	736.189	519.134	514.357
- *n*	201	82	235	130	98	555
Professional	6,889	4,045	3,609	8,793	5,016	7,547
- s.e.	449.452	489.882	565.033	1377.614	740.470	501.163
- *n*	157	60	178	61	58	370
Technician	7,845	4,562	1,763	17,720	1,985	5,536
- s.e.	1611.854	2149.150	338.269	6867.620	699.755	1313.565
- *n*	7	6	18	2	9	31
Sales	6,147	4,372	2,839	5,907	5,765	5,699
- s.e.	644.754	784.212	360.418	1492.610	1293.142	497.062
- *n*	53	21	92	16	26	163
Admin. Support	8,183	5,811	3,591	4,475	2,195	7,002
- s.e.	1995.490	1999.252	1475.105	1053.765	790.318	1694.658
- *n*	22	9	33	13	5	60
Service	4,877	4,981	1,959	4,329	3,014	4,341
- s.e.	1088.705	1381.338	236.963	1598.358	1245.328	602.747
- *n*	14	6	21	5	5	41
Other	5,266	3,791	3,054	5,518	5,646	4,989
- s.e.	691.361	767.285	434.315	1075.385	802.107	540.159
- *n*	80	31	230	21	54	333

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Father's Education

MBA students whose fathers are college graduates tend to have larger total amounts of financial resources available to them than do students whose fathers completed less education.

Table 10.1 -- Average Annual Financial Resources Available to MBA Students, by Father's Education

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Education						
Some High School	$5,289	$4,393	$3,425	$8,720	$5,512	$5,345
- s.e.	636.661	491.012	733.027	1849.182	891.203	684.890
- *n*	62	29	164	18	36	257
HS Diploma	5,727	5,247	2,592	6,074	5,045	5,372
- s.e.	639.323	914.072	264.338	991.163	800.373	563.225
- *n*	110	43	220	38	54	360
Some College	6,995	5,292	2,819	9,180	4,730	6,359
- s.e.	707.922	648.568	395.825	925.716	755.826	566.720
- *n*	79	35	164	44	53	292
College Degree	5,835	3,468	3,273	9,090	4,571	6,850
- s.e.	569.804	452.291	452.325	914.232	580.434	459.486
- *n*	150	58	202	68	72	391
MBA	9,229	6,545	3,146	6,483	6,103	7,686
- s.e.	1447.948	4220.626	555.373	1169.956	2314.375	1109.435
- *n*	37	6	35	10	11	81
Other Master's	5,998	4,425	3,302	8,926	5,711	7,865
- s.e.	535.627	618.039	781.425	2428.428	1298.977	804.317
- *n*	55	23	52	41	26	142
Doctor's Degree	8,204	4,216	2,452	10,830	3,568	8,368
- s.e.	662.275	839.406	424.127	1818.045	570.826	741.197
- *n*	73	28	55	41	24	165
Other	7,362	3,279	3,862	7,253	2,124	7,818
- s.e.	1596.787	1722.321	1474.830	2653.323	596.747	1435.475
- *n*	16	5	9	5	5	28

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource and Mother's Education

As is similar to the case with father's educational attainment, financial resources available to MBA students tend to be greater for students whose mothers are college graduates than for students whose mothers completed less education.

Table 10.2 -- Average Annual Financial Resources Available to MBA Students, by Mother's Education

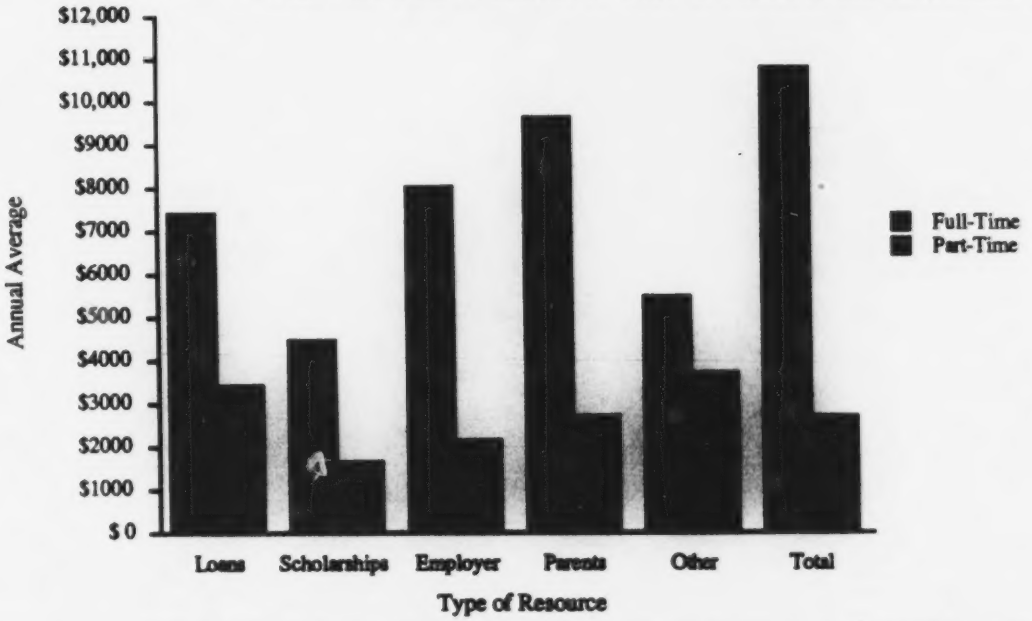
	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education						
Some High School	$6,288	$5,075	$3,081	$10,102	$6,330	$6,548
- s.e.	878.377	743.174	659.880	1394.649	1062.487	670.832
- *n*	60	30	105	31	29	205
HS Diploma	5,940	4,469	3,060	9,395	4,723	5,594
- s.e.	465.388	782.423	360.686	1361.983	576.858	488.649
- *n*	129	56	325	55	74	513
Some College	5,841	4,712	2,638	7,175	4,639	6,141
- s.e.	526.743	555.133	365.623	1015.071	626.983	508.354
- *n*	161	53	230	61	94	436
College Degree	7,527	3,861	3,640	10,036	5,421	8,659
- s.e.	820.673	660.596	558.316	1102.326	821.502	735.845
- *n*	128	52	119	85	50	315
MBA	5,128	3,981	650	530	1,686	4,517
- s.e.	458.076	252.847	0.000	89.150	435.747	1701.477
- *n*	6	2	1	3	3	10
Other Master's	7,855	2,822	2,470	6,608	4,247	6,929
- s.e.	756.596	336.905	433.100	1601.707	1176.818	676.779
- *n*	55	20	53	20	15	117
Doctor's Degree	7,892	4,941	3,167	10,000	4,778	10,541
- s.e.	1303.569	1767.458	1398.778	0.000	571.545	1819.648
- *n*	12	6	5	1	3	16
Other	6,357	4,087	2,765	4,832	6,908	7,748
- s.e.	1728.681	2875.186	792.509	1958.189	5260.453	1613.970
- *n*	6	4	5	2	2	12

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

XI. MBA Students' Enrollment Status and the Types and Amounts of Resources Available for School Expenses

Average Financial Resources, by Type of Resource and Enrollment Status

Figure 11.0 -- Average Resources Available, by Type of Resource and Enrollment Status



Full-time MBA students have much larger amounts of financial resources available to them to cover educational expenses than do part-time students. These large differences are evident for every category of financial resource.

Table 11.0 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Enrollment Status						
Full-Time	$7,395	$4,456	$8,014	$9,587	$5,427	$10,772
- s.e.	424.139	383.313	1252.108	679.265	427.789	524.955
- *n*	443	212	127	231	206	796
Part-Time	3,407	1,585	2,119	2,651	3,656	2,662
- s.e.	302.266	475.471	175.966	689.618	625.463	209.513
- *n*	103	10	704	27	67	817

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

XII. Differences in the Relationship between MBA Students' Characteristics and the Types and Amounts of Resources Available for School Expenses

Average Financial Resources, by Type of Resource, Enrollment Status, and Age

Among full-time MBA students, only those who are thirty-six years old or over show smaller amounts of resources available for school-related expenses. Among part-time students, total financial resources tend to decline with age, due primarily to declining parental contributions.

Table 12.0 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Age

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Age in Years			**Full-Time Students**			
23 or under	$7,494	$4,434	$4,793	$9,291	$4,417	$11,084
- s.e.	650.618	608.251	1249.691	761.049	605.232	653.162
- *n*	140	76	15	131	64	267
24-26	7,738	4,307	5,954	10,343	4,998	10,895
- s.e.	564.576	438.702	1131.055	1270.129	552.002	674.280
- *n*	182	93	41	77	71	294
27-30	7,487	4,966	9,139	8,922	4,628	10,567
- s.e.	533.262	816.483	2253.854	1514.254	790.048	834.438
- *n*	81	30	36	23	39	139
31-35	5,511	4,228	13,808	1,000	8,890	10,776
- s.e.	647.450	1784.239	3979.251	0.000	1612.650	1429.237
- *n*	31	10	22	0	21	65
36 or over	4,750	5,198	5,435	0	10,535	7,903
- s.e.	849.185	873.771	1266.694	0.000	2234.210	1245.087
- *n*	10	3	14	0	11	32

(continued)

Table 12.0 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Age (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Age in Years			**Part-Time Students**			
23 or under	$3,472	$1,350	$2,874	$3,256	$2,091	$3,847
- s.e.	456.582	0.000	577.793	1041.888	535.282	579.979
- *n*	28	1	71	6	10	89
24-26	2,953	775	2,138	3,698	3,675	2,618
- s.e.	312.971	75.804	202.178	1312.991	1187.947	245.180
- *n*	34	2	243	11	13	271
27-30	3,719	2,336	2,011	1,673	4,775	2,560
- s.e.	433.551	617.221	200.267	552.727	1674.728	257.065
- *n*	18	2	192	6	18	217
31-35	5,840	2,292	1,812	558	3,136	2,319
- s.e.	2501.490	1672.780	209.168	95.300	968.074	333.281
- *n*	8	3	103	5	18	129
36 or over	2,553	572	2,061	0	4,104	2,413
- s.e.	599.903	122.353	340.224	0.000	1817.636	368.254
- *n*	14	2	95	0	8	111

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Enrollment Status, and Sex

For full-time MBA students, males show somewhat larger amounts of financial resources available from employers than do females. Among part-time students, there are no significant differences between males and females.

Table 12.1 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Sex

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Sex			**Full-Time Students**			
Male	$7,415	$4,239	$8,959	$10,184	$5,372	$11,022
- s.e.	479.008	350.011	1654.112	680.371	537.096	548.617
- *n*	289	130	92	157	127	527
Female	7,363	4,801	5,521	8,270	5,500	10,277
- s.e.	499.148	674.908	936.474	1275.294	656.060	771.790
- *n*	153	82	35	72	78	267
			Part-Time Students			
Male	$3,637	$1,581	$2,200	$3,906	$3,846	$2,785
- s.e.	526.449	642.631	200.180	1335.521	768.209	250.011
- *n*	52	7	437	13	50	505
Female	3,039	1,593	1,988	1,486	3,063	2,438
- s.e.	276.300	449.613	169.271	329.955	948.191	209.383
- *n*	50	3	267	14	16	310

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Enrollment Status, and Marital Status

Never-married MBA students attending school full-time show larger amounts of financial resources from loans than do students who are currently married. In contrast, full-time married students receive larger employer educational contributions. Among students attending school part-time, never-married students also have significantly greater resources available from loans than do their married counterparts.

Table 12.2 - Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Marital Status

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Marital Status			**Full-Time Students**			
Never Married	$7,907	$4,384	$5,267	$9,217	$4,759	$11,028
- s.e.	471.382	409.589	901.505	687.029	445.818	600.230
- *n*	344	173	48	204	145	572
Currently Married	5,658	4,970	9,819	13,058	6,814	10,380
- s.e.	434.414	842.546	2138.819	1955.973	939.338	868.789
- *n*	81	36	69	24	54	192
Separated	7,004	0	24,000	0	3,650	13,728
- s.e.	1765.833	0.000	0.000	0.000	925.636	4616.742
- *n*	2	0	2	0	1	5
Widowed	8,788	0	4,464	0	0	7,648
- s.e.	2035.098	0.000	311.930	0.000	0.000	2049.652
- *n*	2	0	2	0	0	4
Divorced	3,060	0	0	0	0	3,060
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
- *n*	1	0	0	0	0	1

(continued)

Table 12.2 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Marital Status (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
			Part-Time Students			
Never Married	$9,644	$4,654	$6,568	$11,603	$4,600	$13,349
- s.e.	732.824	786.259	1510.073	1085.975	651.217	785.503
- *n*	125	66	29	49	39	183
Married	6,941	5,708	11,081	17,172	7,716	13,300
- s.e.	629.981	869.826	2765.596	1993.884	2443.515	1490.005
- *n*	24	12	25	10	14	60
Separated	0	0	24,000	0	0	24,000
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
- *n*	0	0	2	0	0	2
Widowed	10,111	3,500	0	0	0	11,666
- s.e.	732.418	0.000	0.000	0.000	0.000	549.313
- *n*	2	1	0	0	0	0

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Enrollment Status, and Father's Education

Among full-time MBA students, there is no consistent relationship between father's educational attainment and the total financial resources available for school-related expenses. Among part-time students, there is a slight tendency for these resources to increase with father's level of education.

Table 12.3 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Father's Education

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Education			**Full-time Students**			
Some High School	$6,246	$4,740	$18,976	$9,222	$6,940	$11,329
- s.e.	542.896	522.848	4955.477	1949.505	1201.095	1007.800
- *n*	40	25	15	16	21	83
HS Diploma	6,912	5,142	6,632	6,693	5,901	10,039
- s.e.	756.738	780.040	1531.231	1068.687	918.637	938.893
- *n*	75	38	25	33	31	128
Some College	8,300	4,652	6,338	9,914	5,163	10,845
- s.e.	853.166	502.467	1735.175	1098.242	814.302	863.321
- *n*	62	33	25	37	41	129
College Degree	6,597	3,547	8,747	9,613	5,166	10,599
- s.e.	658.280	474.035	2128.386	955.862	672.914	580.073
- *n*	117	56	29	61	57	199
MBA	10,267	7,692	6,935	6,952	7,856	12,775
- s.e.	1563.644	4583.158	3065.400	1244.895	2932.171	1444.015
- *n*	30	5	4	8	8	39
Other Master's	6,285	4,597	6,002	10,249	5,603	10,523
- s.e.	666.885	631.795	668.874	2532.852	1382.241	1068.875
- *n*	43	22	16	35	23	91
Doctor's Degree	8,802	4,216	2,061	12,197	3,705	11,585
- s.e.	655.141	839.406	457.789	2029.630	573.994	1037.331
- *n*	62	28	5	34	19	100
Other	6,815	4,928	2,555	7,550	2,326	7,554
- s.e.	848.804	2312.448	1020.868	2981.701	672.503	1233.648
- *n*	11	3	6	5	4	20

(continued)

Table 12.3 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Father's Education (continued)

Father's Education	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
			Part-Time Students			
Some High School	$2,100	$2,093	$1,902	$4,983	$3,536	$2,306
- s.e.	487.027	997.520	261.226	1892.668	1041.965	289.366
- *n*	17	4	140	2	13	159
HS Diploma	2,826	1,567	1,924	1,452	4,465	2,437
- s.e.	560.604	954.049	184.820	442.107	1701.463	293.717
- *n*	21	1	167	2	18	192
Some College	2,422	2,900	2,179	4,790	3,228	2,587
- s.e.	335.997	0.000	228.340	1832.608	1716.913	269.639
- *n*	15	0	130	7	10	149
College Degree	3,515	1,802	2,318	1,156	2,271	2,854
- s.e.	413.744	1032.643	232.582	537.816	597.654	316.764
- *n*	23	1	161	5	15	174
MBA	2,944	0	2,841	0	0	2,858
- s.e.	650.477	0.000	499.818	0.000	0.000	428.478
- *n*	4	0	21	0	0	26
Other Master's	5,273	800	1,990	1,533	6,491	3,240
- s.e.	565.956	0.000	422.753	738.008	4206.683	677.387
- *n*	11	1	30	6	3	45
Doctor's Degree	4,428	0	2,285	1,773	1,829	2,657
- s.e.	417.992	0.000	479.026	787.232	490.629	420.632
- *n*	6	0	42	4	3	50
Other	8,805	906	6,228	5,250	1,000	8,520
- s.e.	4674.690	200.705	2490.496	0.000	0.000	2712.147
- *n*	4	2	3	1	1	8

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Enrollment Status, and Mother's Education

There is no consistent relationship between mother's educational attainment and total financial resources available for either full-time or part-time MBA students.

Table 12.4 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Mother's Education

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education			**Full-Time Students**			
Some High School	$7,826	$5,202	$12,444	$10,625	$6,881	$10,911
- s.e.	793.917	761.489	5291.649	1538.824	1168.657	878.697
- *n*	44	28	10	27	22	97
HS Diploma	6,829	4,610	8,532	9,734	5,193	10,462
- s.e.	504.085	804.657	2159.697	1411.437	713.084	753.922
- *n*	99	53	43	52	56	199
Some College	6,559	4,992	6,503	7,888	5,104	10,286
- s.e.	618.554	583.200	1937.490	1084.907	660.881	769.129
- *n*	127	49	33	55	68	202
College Degree	8,266	3,967	8,548	10,241	5,688	11,612
- s.e.	839.522	685.296	2100.177	1123.043	988.234	868.172
- *n*	112	50	21	82	41	204
MBA	5,189	3,981	0	1,200	1,000	6,843
- s.e.	662.983	252.847	0.000	0.000	0.000	1943.487
- *n*	4	2	0	0	1	4
Other Master's	8,410	2,878	3,286	10,328	4,836	9,778
- s.e.	922.318	342.673	939.350	2174.560	1641.483	847.663
- *n*	40	19	12	10	11	60
Doctor's Degree	8,316	4,941	12,000	10,000	5,364	13,425
- s.e.	1546.099	1767.458	0.000	0.000	343.536	2146.411
- *n*	11	6	1	1	2	11
Other	7,611	4,087	3,538	4,832	6,908	8,396
- s.e.	2003.554	2875.186	345.882	1958.189	5260.453	1883.131
- *n*	5	4	4	2	2	10

(continued)

Table 12.4 -- Average Annual Financial Resources Available to MBA Students, by Enrollment Status and Mother's Education (continued)

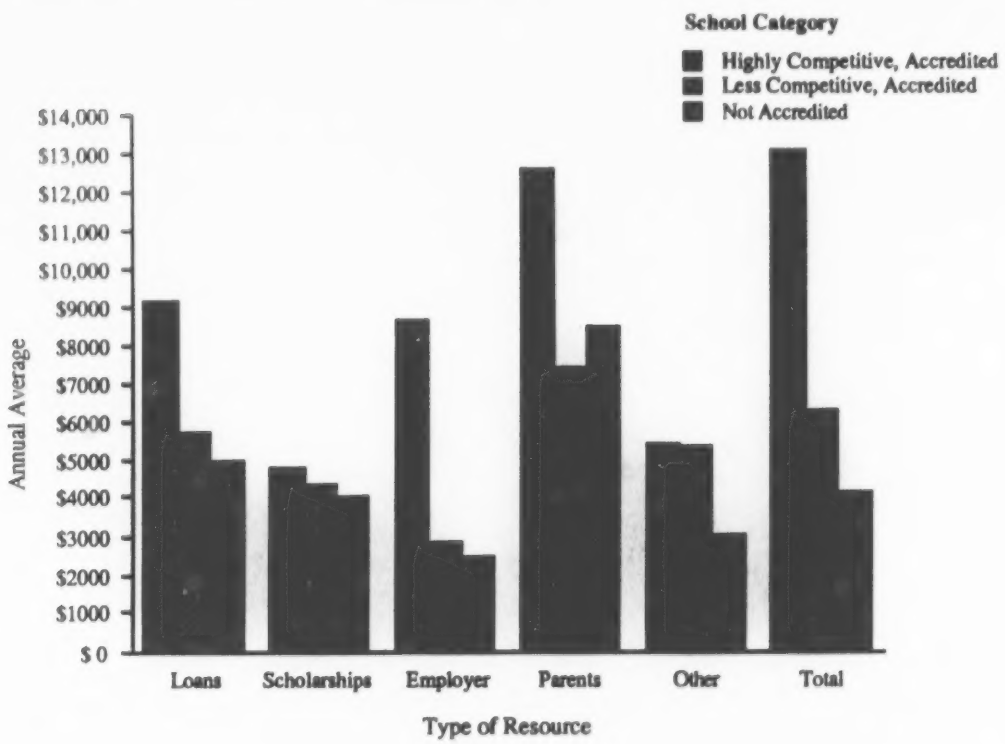
	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education			**Part-Time Students**			
Some High School	$1,939	$3,278	$2,034	$6,550	$4,405	$2,636
- s.e.	499.916	1875.124	294.459	2283.925	2061.367	318.790
- *n*	16	2	91	4	6	105
HS Diploma	2,889	1,674	2,212	3,234	3,131	2,473
- s.e.	387.705	923.603	231.747	2580.354	979.566	247.227
- *n*	28	1	276	2	17	305
Some College	3,148	709	1,804	1,546	3,481	2,346
- s.e.	359.634	62.117	160.546	481.075	1301.460	230.584
- *n*	27	3	185	5	25	220
College Degree	2,656	1,453	2,634	2,142	4,189	3,172
- s.e.	476.220	750.636	284.810	1403.381	1592.407	349.246
- *n*	13	2	97	2	9	106
MBA	5,000	0	650	460	2,200	2,752
- s.e.	0.000	0.000	0.000	0.000	0.000	1960.817
- *n*	2	0	1	3	2	5
Other Master's	6,487	1,350	2,114	2,351	2,702	3,779
- s.e.	1473.298	0.000	376.627	486.573	630.348	789.011
- *n*	14	1	40	9	4	55
Doctor's Degree	4,552	0	1,878	0	2,800	3,366
- s.e.	349.784	0.000	409.745	0.000	0.000	1061.767
- *n*	1	0	4	0	1	5
Other	5,000	0	1,000	0	0	6,000
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
- *n*	0	0	0	0	0	0

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

XIII. Differences in Types and Amounts of Financial Resources Available to MBA Students for School Expenses, by Accreditation Status and Admission Competitiveness of School in which the Student Matriculated

Average Financial Resources, by Type of Resource and Admission Competitiveness

Figure 13.0 -- Average Resources Available, by Type of Resource and Admission Competitiveness



MBA students enrolled in highly competitive, accredited programs indicate much larger amounts of financial resources, primarily from loans and from parental contributions, available for school-related expenses than do students in less competitive, accredited schools or in schools that are not accredited.

Table 13.0 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Highly Competitive, Accredited	$9,149	$4,751	$8,592	$12,569	$5,322	$13,027
- s.e.	659.961	632.659	1180.188	1233.251	736.645	728.291
- *n*	158	80	63	59	54	260
Less Competitive, Accredited	5,721	4,338	2,795	7,393	5,270	6,246
- s.e.	481.091	623.318	325.480	856.439	445.058	578.594
- *n*	306	133	403	142	182	874
Not Accredited	4,951	3,943	2,382	8,422	3,006	4,069
- s.e.	928.736	955.882	365.386	1273.498	483.379	541.678
- *n*	123	16	448	68	51	605

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

XIV. Differences in the Relationship between MBA Students' Characteristics and School-Related Resources Available, by Accreditation Status and Admission Competitiveness of School in Which the Student Matriculated

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Age

There are no consistent patterns of age differences in financial resources available to MBA students who attend highly competitive, accredited programs. However, for students in less competitive, accredited programs and for those attending programs that are not accredited, younger students tend to have larger amounts of financial resources than do older students.

Table 14.0 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Age

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Age in Years			**Highly Competitive, Accredited**			
23 or under	$10,909	$5,114	$6,913	$13,396	$3,693	$14,433
- s.e.	1504.420	680.001	1067.402	1191.357	1142.002	899.625
- *n*	29	13	15	26	15	62
24-26	8,837	4,679	6,685	11,525	4,105	12,495
- s.e.	962.256	649.065	1487.453	1972.564	839.860	1045.219
- *n*	83	44	21	26	19	117
27-30	8,699	4,681	9,523	13,445	5,484	12,569
- s.e.	647.554	1067.708	1698.609	2215.070	1272.846	723.354
- *n*	38	19	13	7	13	56
31-35	10,697	3,285	15,861	0	13,025	16,259
- s.e.	3077.937	181.688	7526.890	0.000	4732.357	4110.162
- *n*	5	2	8	0	5	16
36 or over	2,531	6,000	7,817	0	7,402	8,019
- s.e.	578.696	0.000	2787.940	0.000	3861.607	1380.403
- *n*	2	2	6	0	2	10

(continued)

Table 14.0 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Age (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Age in Years		**Less Competitive, Accredited**				
23 or under	$6,010	$4,266	$2,470	$7,268	$4,725	$8,178
- s.e.	666.523	768.984	320.308	663.173	710.345	754.090
- *n*	106	56	50	91	49	231
24-26	5,732	4,462	2,554	8,340	5,215	6,105
- s.e.	445.059	936.785	372.758	1919.607	638.171	605.269
- *n*	112	50	144	38	57	302
27-30	5,714	6,288	2,959	6,446	4,812	5,019
- s.e.	808.458	1366.895	671.762	2293.814	1024.320	702.875
- *n*	43	14	123	12	33	186
31-35	5,058	2,124	3,900	797	5,748	5,440
- s.e.	629.411	601.965	1395.670	144.889	1044.985	905.676
- *n*	32	10	48	2	25	95
36 or over	4,885	2,093	2,181	0	7,231	4,584
- s.e.	577.387	1304.570	312.132	0.000	1989.476	805.090
- *n*	13	3	37	0	17	60
Age in Years		**Not Accredited**				
23 or under	$5,715	$4,184	$2,279	$10,106	$2,515	$7,374
- s.e.	1103.181	1075.240	592.969	2632.034	353.156	1448.754
- *n*	46	7	34	27	15	93
24-26	5,468	1,370	2,312	9,711	3,384	4,368
- s.e.	1785.833	654.008	428.594	1586.221	587.298	543.567
- *n*	35	5	143	24	9	181
27-30	4,921	1,500	2,541	4,564	2,850	3,507
- s.e.	262.077	0.000	460.067	750.065	692.673	485.854
- *n*	22	1	110	14	14	140
31-35	2,309	8,870	2,480	460	3,590	2,860
- s.e.	957.908	3848.035	530.187	0.000	1524.795	565.996
- *n*	8	3	81	3	10	99
36 or over	2,124	0	2,238	0	3,000	2,328
- s.e.	628.754	0.000	450.745	0.000	0.000	428.942
- *n*	11	0	82	0	3	93

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Sex

Irrespective of the accreditation status and admission competitiveness of the current school, overall there is no significant difference in total school-related financial resources between male and female MBA students. However, there are significant differences in the sources of these funds, and these differences vary by school category.

Table 14.1 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Sex

Sex	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
			Highly Competitive, Accredited			
Male	$9,098	$4,893	$9,548	$13,341	$6,154	$13,252
- s.e.	519.668	720.965	1434.801	1436.584	1208.011	727.987
- *n*	99	47	40	40	33	170
Female	9,263	4,544	6,911	10,887	4,043	12,670
- s.e.	1197.943	768.717	1521.265	1716.468	809.640	1020.697
- *n*	57	32	23	19	21	89
			Less Competitive, Accredited			
Male	$5,857	$3,823	$3,190	$7,599	$4,867	$6,413
- s.e.	551.638	382.816	451.337	724.218	529.998	560.360
- *n*	191	84	252	92	120	549
Female	5,463	5,217	2,115	7,018	6,039	5,934
- s.e.	459.101	1152.686	206.632	1725.091	774.324	774.988
- *n*	114	49	151	50	61	323
			Not Accredited			
Male	$5,720	$4,061	$2,556	$9,964	$3,180	$4,569
- s.e.	1329.138	1669.770	399.305	1449.202	610.627	734.140
- *n*	76	9	282	46	33	383
Female	3,683	3,805	2,089	4,793	2,680	3,146
- s.e.	583.961	628.072	347.984	963.906	378.170	392.254
- *n*	46	8	167	20	18	220

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Marital Status

Never-married MBA students have greater amounts of school-related financial resources only among those who do not attend the most highly competitive, accredited schools.

Table 14.2 - Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Marital Status

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Marital Status			**Highly Competitive, Accredited**			
Never Married	$9,644	$4,654	$6,568	$11,603	$4,600	$13,349
- s.e.	732.824	786.259	1510.073	1085.975	651.217	785.503
- *n*	125	66	29	49	39	183
Currently Married	6,941	5,708	11,081	17,172	7,716	13,300
- s.e.	629.981	869.826	2765.596	1993.884	2443.515	1490.005
- *n*	24	12	25	10	14	60
Separated	0	0	24,000	0	0	24,000
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
Widowed	10,111	3,500	0	0	0	11,666
- s.e.	732.418	0.000	0.000	0.000	0.000	549.313
- *n*	2	1	0	0	0	2

(continued)

Table 14.2 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Marital Status (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Marital Status		**Less Competitive, Accredited**				
Never Married	$6,202	$4,132	$2,364	$7,330	$4,779	$7,164
- s.e.	572.796	468.904	233.248	883.004	547.629	671.657
- *n*	210	103	162	130	108	500
Currently Married	4,411	4,472	3,229	9,472	5,806	4,953
- s.e.	509.174	1260.697	520.751	3937.601	689.219	581.199
- *n*	75	26	204	8	64	313
Separated	8,817	0	2,053	0	3,650	6,536
- s.e.	1352.244	0.000	267.749	0.000	925.636	1821.796
- *n*	2	0	1	0	1	3
Widowed	0	0	450	0	0	450
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
Divorced	2,500	0	2,549	0	0	3,855
- s.e.	0.000	0.000	1081.669	0.000	0.000	1971.199
- *n*	1	0	2	0	0	2
Marital Status		**Not Accredited**				
Never Married	$6,177	$3,490	$2,316	$9,296	$3,252	$5,531
- s.e.	1369.692	680.380	460.087	1355.344	426.892	947.357
- *n*	74	10	155	48	29	253
Currently Married	2,519	4,746	2,367	7,332	2,672	2,964
- s.e.	421.159	3540.595	405.797	2565.204	719.795	442.904
- *n*	36	6	243	12	21	282
Separated	3,000	0	2,648	0	0	2,678
- s.e.	0.000	0.000	388.233	0.000	0.000	354.306
- *n*	1	0	7	0	0	8
Widowed	4,671	0	3,291	0	0	3,894
- s.e.	0.000	0.000	680.242	0.000	0.000	1128.165
- *n*	1	0	5	0	0	5
Divorced	3,060	0	2,140	0	0	2,489
- s.e.	0.000	0.000	0.000	0.000	0.000	314.118
- *n*	1	0	2	0	0	3

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Father's Education

When students attending schools of varying competitiveness and accreditation status are viewed as separate groups, in none of the three school categories is father's educational attainment consistently related to the total financial resources available for school-related expenses.

Table 14.3 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Education			**Highly Competitive, Accredited**			
Some High School	$9,070	$4,344	$13,313	0	$9,802	$13,571
- s.e.	941.381	637.374	6999.642	0.000	2089.264	2264.590
- *n*	9	5	4	0	2	13
HS Diploma	6,823	5,319	8,007	3,000	6,341	10,655
- s.e.	932.261	1161.473	2066.253	0.000	2830.324	1428.187
- *n*	18	9	16	1	5	31
Some College	7,758	5,053	6,999	13,433	2,907	11,901
- s.e.	1059.513	881.664	2396.674	3098.537	748.398	1127.653
- *n*	20	11	7	10	10	35
College Degree	9,422	4,703	9,935	11,930	6,855	13,798
- s.e.	1171.786	1026.608	2848.981	1360.915	2105.058	1016.238
- *n*	42	23	19	20	12	74
MBA	12,725	1,083	6,656	7,427	6,144	13,393
- s.e.	1933.391	186.262	2238.281	1735.036	383.338	2071.923
- *n*	16	3	5	4	4	22
Other Master's	7,293	6,307	10,084	13,589	5,941	13,725
- s.e.	679.750	1903.082	526.878	2735.685	2430.832	1138.157
- *n*	14	7	3	11	11	29
Doctor's Degree	9,498	4,711	6,063	13,623	2,898	13,252
- s.e.	880.688	1241.864	486.460	3740.040	677.247	919.251
- *n*	31	16	7	11	8	44
Other	12,084	4,928	9,850	14,000	0	13,736
- s.e.	1736.327	2312.448	0.000	0.000	0.000	2051.375
- *n*	6	3	2	2	0	9

(continued)

Table 14.3 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Education		**Less Competitive, Accredited**				
Some High School	$5,350	$4,518	$6,095	$7,839	$5,742	$7,421
- s.e.	612.425	652.114	1740.095	1610.957	1114.003	795.600
- *n*	33	21	54	13	27	115
HS Diploma	4,916	4,959	2,176	5,098	5,433	5,315
- s.e.	507.194	1349.891	250.874	629.100	1075.887	725.836
- *n*	59	28	88	19	37	172
Some College	7,361	5,589	2,113	7,965	5,821	6,535
- s.e.	989.357	883.128	312.935	892.450	930.167	849.301
- *n*	49	22	81	26	36	163
College Degree	4,736	2,688	2,661	8,320	4,672	5,941
- s.e.	568.967	402.223	439.012	1349.293	597.284	586.465
- *n*	83	33	104	40	44	217
MBA	4,385	13,146	2,672	6,502	6,083	5,804
- s.e.	641.066	5913.165	488.572	1679.113	3445.280	1058.968
- *n*	13	3	17	6	7	38
Other Master's	5,965	3,600	1,637	2,193	6,782	5,950
- s.e.	860.368	499.018	303.201	677.992	1516.714	645.753
- *n*	28	16	18	12	10	58
Doctor's Degree	7,925	4,518	1,939	9,689	3,937	7,637
- s.e.	923.638	1041.088	294.062	2267.372	777.605	1066.533
- *n*	35	9	30	26	15	90
Other	4,985	906	1,683	2,707	2,124	4,803
- s.e.	1693.430	200.705	470.119	180.094	596.747	1260.794
- *n*	5	2	1	2	5	9

(continued)

Table 14.3 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Father's Education (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Father's Education			**Not Accredited**			
Some High School	$3,399	$3,583	$1,752	$10,598	$3,287	$2,694
- s.e.	1120.432	0.000	310.788	4182.597	226.935	544.523
- *n*	19	3	107	6	7	130
HS Diploma	6,563	6,390	2,145	7,170	3,356	4,379
- s.e.	1808.038	1185.973	344.449	1789.917	637.377	927.602
- *n*	34	6	115	19	12	157
Some College	3,817	3,487	3,194	8,015	1,710	3,974
- s.e.	887.923	476.958	732.700	1715.872	1171.193	672.287
- *n*	10	2	76	9	7	94
College Degree	3,383	2,000	2,507	5,930	2,462	3,724
- s.e.	427.560	0.000	506.255	1401.180	587.398	659.868
- *n*	25	2	79	8	16	100
MBA	9,969	0	2,306	3,000	0	5,045
- s.e.	2348.052	0.000	500.389	0.000	0.000	2256.665
- *n*	7	0	12	1	0	21
Other Master's	4,768	0	3,597	10,448	2,862	6,843
- s.e.	904.333	0.000	1152.921	4023.679	61.853	1580.916
- *n*	14	0	31	18	5	55
Doctor's Degree	4,261	620	1,866	10,329	0	3,426
- s.e.	937.238	0.000	693.714	2882.304	0.000	737.833
- *n*	8	3	18	4	0	31
Other	4,443	0	2,555	4,675	0	4,901
- s.e.	555.946	0.000	1020.868	339.837	0.000	743.438
- *n*	5	0	6	2	0	9

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

Average Financial Resources, by Type of Resource, Admission Competitiveness, and Mother's Education

Irrespective of the accreditation status and admission competitiveness of the current school, there is no consistent relationship between MBA students' financial resources and their mothers' educational level.

Table 14.4 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education			**Highly Competitive, Accredited**			
Some High School	$11,066	$3,125	$12,434	$24,607	$8,285	$16,278
- s.e.	1648.868	1127.737	8136.238	2270.717	3839.280	2500.813
- *n*	8	6	4	2	3	14
HS Diploma	9,530	4,640	10,002	16,382	3,899	12,581
- s.e.	1117.766	1102.085	2967.218	2905.011	1006.912	1545.296
- *n*	22	9	21	7	9	49
Some College	7,682	6,368	7,580	11,777	7,628	12,916
- s.e.	1259.425	1285.236	1147.955	2280.204	2533.520	1064.995
- *n*	37	20	19	17	12	66
College Degree	9,319	5,451	9,540	11,827	5,878	14,062
- s.e.	1298.755	1397.366	2966.293	1213.215	997.113	876.034
- *n*	45	22	11	21	17	71
MBA	5,685	4,200	0	0	1,686	9,169
- s.e.	580.996	0.000	0.000	0.000	435.747	1670.363
- *n*	3	1	0	0	3	3
Other Master's	10,1000	2,860	4,487	11,208	2,884	12,218
- s.e.	1118.039	318.972	944.118	2981.352	1310.759	1325.112
- *n*	23	10	3	8	5	32
Doctor's Degree	8,751	3,610	6,001	10,000	5,364	13,605
- s.e.	1632.951	1193.689	3854.080	0.000	343.536	2197.153
- *n*	9	6	1	1	2	10
Other	11,255	4,087	0	3,000	900	12,620
- s.e.	1055.812	2875.186	0.000	0.000	0.000	688.355
- *n*	2	4	0	1	1	4

(continued)

Table 14.4 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education		**Less Competitive, Accredited**				
Some High School	$5,473	$5,161	$2,367	$8,560	$6,904	$6,414
- s.e.	687.529	648.974	482.724	1420.916	1145.608	625.801
- *n*	27	20	36	16	22	98
HS Diploma	5,632	4,409	2,925	8,492	5,555	6,392
- s.e.	537.806	999.773	558.967	1689.296	784.179	747.300
- *n*	86	42	121	33	48	245
Some College	5,770	3,755	2,405	5,414	4,615	5,925
- s.e.	718.606	551.378	528.826	877.744	722.038	718.419
- *n*	92	31	114	39	65	242
College Degree	5,811	3,009	3,140	8,340	5,678	6,836
- s.e.	639.224	515.030	603.284	1893.784	1332.030	714.823
- *n*	62	25	69	42	28	170
MBA	4,400	3,000	650	1,200	0	3,651
- s.e.	599.052	0.000	0.000	0.000	0.000	913.721
- *n*	2	0	1	0	0	3
Other Master's	6,728	2,784	2,318	4,064	5,286	5,564
- s.e.	595.492	594.005	485.191	1326.859	2075.213	583.146
- *n*	19	10	23	7	8	50
Doctor's Degree	4,000	15,000	-1,987	0	2,800	5,427
- s.e.	0.000	0.000	521.660	0.000	0.000	2788.355
- *n*	1	1	3	0	1	5
Other	5,000	0	1,762	10,500	16,675	10,646
- s.e.	0.000	0.000	424.332	0.000	0.000	2414.441
- *n*	1	0	1	0	1	3

(continued)

Table 14.4 -- Average Annual Financial Resources Available to MBA Students, by Accreditation Status and Admission Competitiveness of Current School and by Mother's Education (continued)

	Loans	Scholar-ships	Employer Contri-bution	Parents, Not a Loan	Other Resources	Total Resources
Mother's Education			**Not Accredited**			
Some High School	$5,621	$7,977	$2,925	$9,825	$2,078	$5,242
- s.e.	1799.454	4044.239	836.417	2225.548	237.360	1083.108
- *n*	25	3	65	13	4	93
HS Diploma	3,358	4,683	2,350	7,860	2,918	3,145
- s.e.	574.752	1261.379	353.989	2094.478	613.241	472.027
- *n*	21	5	184	15	18	220
Some College	3,914	3,487	1,943	5,348	2,649	3,085
- s.e.	568.551	476.958	441.551	2002.844	575.644	492.285
- *n*	32	2	98	5	17	128
College Degree	8,744	1,170	2,911	11,507	2,540	7,687
- s.e.	2888.700	480.070	725.281	1228.203	345.799	2601.634
- *n*	21	5	39	22	5	74
MBA	0	0	0	460	0	460
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
Other Master's	4,099	0	2,360	3,127	3,500	4,072
- s.e.	691.139	0.000	709.858	641.164	0.000	1126.089
- *n*	13	0	27	5	3	35
Doctor's Degree	6,200	0	0	0	0	6,200
- s.e.	0.000	0.000	0.000	0.000	0.000	0.000
Other	2,301	0	3,061	0	0	3,273
- s.e.	597.108	0.000	866.395	0.000	0.000	431.780
- *n*	2	0	4	0	0	6

Note: Total resources are not the sum of individual resource categories because many students did not report every type of resource.

END

U.S. Dept. of Education

Office of Education
Research and
Improvement (OERI)

ERIC

Date Filmed

March 29, 1991